

2011 我校师生论文被 EI 收录情况

(共计 412 篇)

- 1、 **Design of turning insert with three-dimensional complex groove using cellular automata**
Feng, X.M. (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); Tan, G.Y. **Source:** *Key Engineering Materials*, v 458, p 23-28, December 30, 2011
- 2、 **Finite element analysis of the influence of cutting edge radius on mechanical-thermal distribution in high-speed cutting TiAl6V4**
Fan, Yihang (Harbin University of Science and Technology, Harbin 150080, China); Zheng, Minli; Yang, Shucai; Zhang, Wei; Zhang, Deqiang **Source:** *Key Engineering Materials*, v 458, p 295-300, December 30, 2011
- 3、 **A new energy efficient routing scheme for wireless Sensor network**
Cui, Linhai (Software School, Harbin University of Science and Technology, Harbin 150040, Heilongjiang, China) **Source:** *Communications in Computer and Information Science*, v 159 CCIS, n PART 2, p 201-206, 2011, *Computer Science for Environmental Engineering and EcoInformatics - International Workshop, CSEEE 2011, Proceedings*
- 4、 **Ground subsidence investigated in Changzhou, China based on SBAS approach**
Liu, Wei (Harbin University of Science and Technology, 150080, Harbin, China); Liu, Bin; Zhang, Jingfa; Hou, Anye; Luo, Yi; Li, Yongsheng **Source:** *2011 3rd International Asia-Pacific Conference on Synthetic Aperture Radar, APSAR 2011*, p 682-683, 2011, *2011 3rd International Asia-Pacific Conference on Synthetic Aperture Radar, APSAR 2011*
- 5、 **The grey relational analysis of manufacturing industry innovation and local administration**
Ke-Xin, Bi (School of Management, Harbin University of Science and Technology, 150080, China); Zhi-Wen, Zheng; Shu-Fang, Yang **Source:** *International Conference on Management Science and Engineering - Annual Conference Proceedings*, p 595-602, 2011, *2011 International Conference on Management Science and Engineering, ICMSE 2011 - 18th Annual Conference Proceedings*
- 6、 **Evaluation of knowledge complementary degree for creative industry cluster based on BP neural networks**
Yu-Hua, Li (College of Management, Harbin University of Science Technology, 150040, China); Jin-Yan, Tan; Yao-Ying, Hu **Source:** *International Conference on Management Science and Engineering - Annual Conference Proceedings*, p 41-46, 2011, *2011 International Conference on Management Science and Engineering, ICMSE 2011 - 18th Annual Conference Proceedings*
- 7、 **Influence of broken bar fault on the performance of squirrel-cage induction motor at standstill**
Xie, Ying (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Cao, Wenping **Source:** *2011 International Conference on Electrical Machines and Systems, ICEMS 2011*, 2011, *2011 International Conference on Electrical Machines and Systems, ICEMS 2011*
- 8、 **There-dimensional temperature estimation of squirrel-cage induction motor using finite element method**

Xie, Ying (College of Electrical and Electronic Engineering, Huazhong University of Science and Technology, Wuhan, China); Gu, Chenglin; Wang, Lingchao **Source:** *2011 International Conference on Electrical Machines and Systems, ICEMS 2011*, 2011, *2011 International Conference on Electrical Machines and Systems, ICEMS 2011*

9、 **Analysis and calculation of electromagnetic force on damper windings for 1000MW hydro-generator**

Yan-Ping, Liang (Collage of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Qing-Shuang, Yao **Source:** *2011 International Conference on Electrical Machines and Systems, ICEMS 2011*, 2011, *2011 International Conference on Electrical Machines and Systems, ICEMS 2011*

10、 **The 500kV MCSR modeling and steady-state characteristics analysis**

Yan-Ping, Liang (Harbin University of Science and Technology, China); Yue, Zhang; Hai-Ting, Zhang; Zhen, An **Source:** *2011 International Conference on Electrical Machines and Systems, ICEMS 2011*, 2011, *2011 International Conference on Electrical Machines and Systems, ICEMS 2011*

11、 **The cultivation of competent engineering majors oriented by industrial demand**

Dawei, Meng (Harbin University of Science and Technology, No.52 Xuefu Road, Harbin, 150080, China); Shanqiang, Li **Source:** *Lecture Notes in Electrical Engineering*, v 112 LNEE, p 61-66, 2011, *Engineering Education and Management - Vol 2, Results of the 2011 International Conference on Engineering Education and Management, ICEEM2011*

12、 **Synthesis and photocatalytic hydrogen production property over Mn²⁺ doped porous CdIn₂S₄ photocatalyst under visible light irradiation**

Lü, Hong-Fei (School of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150040, China); Li, Jin-Shu; Bai, Xue-Feng **Source:** *Cailiao Kexue yu Gongyi/Material Science and Technology*, v 19, n 6, p 138-142, December 2011 **Language:** Chinese

13、 **Effect of organosilicone modifying acrylic polymers on properties of epoxy adhesive in salt water**

Huang, Qiang (College of Chemistry and Environmental Engineering, Harbin University of Science and Technology, Harbin 150040, China); Liu, Bo; Wang, Chao; Zhao, Xingang **Source:** *Gaofenzi Cailiao Kexue Yu Gongcheng/Polymeric Materials Science and Engineering*, v 27, n 12, p 75-78, December 2011 **Language:** Chinese

14、 **Geometrical size effect on interfacial diffusion of solder joint**

Sun, Xiaomei (Harbin University of Science and Technology, 4# Linyuan Road, Xiangfang District, Harbin, China); Sun, Fenglian; Liu, Yang **Source:** *Proceedings - International Symposium on Advanced Packaging Materials*, p 242-245, 2011, *APM 2011 Proceedings - 2011 International Symposium on Advanced Packaging Materials*

15、 **Theoretical studies on the transport property of oligosilane with p-n junction**

Zhang, Gui-Ling (College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150080, China); Yuan, Hong-Liang; Zhang, Hui; Shang, Yan; Sun, Miao **Source:** *International Journal of Quantum Chemistry*, v 111, n 15, p 4214-4223, December 2011

16、 **Researched on microstructure and density of sintered ZnO non-linear resistors**

Chen, Chuntian (Harbin University of Science and Technology, Harbin, China); Xiao, Haifeng; Zou, Junyi; Wang, Ru; Zhu, Hanfei; Zhang, Xianyou **Source:** *Annual Report - Conference on Electrical Insulation and Dielectric Phenomena, CEIDP*, p 172-174, 2011, *2011 Annual Report Conference on Electrical Insulation and Dielectric Phenomena, CEIDP 2011*

17、 **Two-dimensional simulation of the negative streamer in N₂ between parallel-plate electrodes**

Dian-Chun, Zheng (Harbin University of Science and Technology, Key Laboratory of Engineering Dielectric and Its Application, Ministry of Education, Harbin 150040, China); Shi-Hua, Zhu; Zhong-Lin, Zhang; Shu-Ming, L.V. **Source:** *Annual Report - Conference on Electrical Insulation and Dielectric Phenomena, CEIDP*, p 760-763, 2011, *2011 Annual Report Conference on Electrical Insulation and Dielectric Phenomena, CEIDP 2011*

18、 **Question classification based on rough set attributes and value reduction**

Peng, Li (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150001, China); Kai-Hui, Zhang **Source:** *Information Technology Journal*, v 10, n 5, p 1061-1065, 2011

19、 **Stock trend forecasting method based on sentiment analysis and system similarity model**

Zhang, Kaihui (College of Economy and Management, Harbin University of Science and Technology, Harbin, China); Li, Lei; Li, Peng; Teng, Wenda **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 890-894, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

20、 **The design of streaming media proxy server based on patching first algorithm**

Li, Peng (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); Zheng, Wei; Zhang, Kaihui **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 643-647, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

21、 **An international comparative study on the developments of green logistics**

Xiu, Guoyi (College of Economy, Harbin University of Science and Technology, Harbin 150001, China); Chen, Xiaohua **Source:** *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*, p 783-787, 2011, *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*

22、 **Research on the third party logistics supplier selection evaluation based on AHP and entropy**

Xiu, Guoyi (College of Economy, Harbin University of Science and Technology, Harbin 150001, China); Chen, Xiaohua **Source:** *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*, p 788-792, 2011, *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*

23、 **Variable sampling control for uncertain system**

Fan, Li-Ying (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); Wu, Jun-Feng; Liu, Hong-Liang; Wang, Shi-Gang **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 11, p 90-94, November 2011 **Language:** Chinese

24、 **Guaranteed cost sampled-data control for uncertain nonlinear time-varying delay system**

Fan, Li-Ying (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); Wu, Jun-Feng **Source:** *Journal of Central South University of Technology (English Edition)*, v 18, n 6, p 2056-2060, December 2011

25、 **Design of turning insert with three-dimensional complex groove using cellular automata**

Feng, X.M. (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); Tan, G.Y. **Source:** *Key Engineering Materials*, v 458, p 23-28, December 30, 2011

26、 **Statistical inference of LZL-Type mass flowmeter life distribution model**

Zhou, Z. (Harbin University of Science and Technology, Harbin 150080, China); Zhang, L.N.; Qin, Y.; Ma, D.Z.; Niu, B. **Source:** *Key Engineering Materials*, v 458, p 173-178, December 30, 2011

27、 **Finite element analysis of inductance sensor structure in the measuring system of the grade of the iron concentrate**

Zhou, Z. (Harbin University of Science and Technology, Harbin, 150080, China); Guan, Z.H.; Luo, J.; Wang, L.J.; Qin, Y.; Sun, G.F. **Source:** *Key Engineering Materials*, v 458, p 155-160, December 30, 2011

28、 **Trust region algorithm for image reconstruction in electrical capacitance tomography system**

Wang, Lili (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); Chen, Yu; Chen, Deyun; Yu, Xiaoyang **Source:** *Proceedings of 2011 International Conference on Computer Science and Network Technology, ICCSNT 2011*, v 1, p 204-209, 2011, *Proceedings of 2011 International Conference on Computer Science and Network Technology, ICCSNT 2011*

29、 **Research on fuzzy control of inverted pendulum**

Wu, Junfeng (College of Automation, Harbin University of Science and Technology, Harbin, China); Wang, Zhe **Source:** *Proceedings - 2011 International Conference on Instrumentation, Measurement, Computer, Communication and Control, IMCCC 2011*, p 868-871, 2011, *Proceedings - 2011 International Conference on Instrumentation, Measurement, Computer, Communication and Control, IMCCC 2011*

30、 **Fast algorithm of nearest neighbor query for line segments of spatial database**

Liu, Runtao (Institute of Information and Scientific Computing Technology, Harbin University of Science and Technology, Harbin 150080, China); Hao, Zhongxiao **Source:** *Jisuanji Yanjiu yu Fazhan/Computer Research and Development*, v 48, n 12, p 2379-2384, December 2011 **Language:** Chinese

31、 **Research on microstructure in as-cast 7A55 aluminum alloy and its evolution during homogenization**

Lv, Xinyu (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150080, China); Guo, Erjun; Li, Zhihui; Wang, Guojun **Source:** *Rare Metals*, v 30, n 6, p 664-668, December 2011

32、 **Shear strength and interfacial microstructures of low-Ag SAC/Cu and SAC-Bi-Ni/Cu solder joints**

Liu, Yang (Harbin University of Science and Technology, 4# Linyuan Road, Xiangfang District, Harbin, China); Sun, Fenglian; Zou, Pengfei **Source:** *Proceedings - International Symposium on Advanced*

Packaging Materials, p 186-189, 2011, *APM 2011 Proceedings - 2011 International Symposium on Advanced Packaging Materials*

33. Robust function projective synchronization of two different chaotic systems with unknown parameters

Du, Hongyue (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); Li, Feng; Meng, Guangshi **Source:** *Journal of the Franklin Institute*, v 348, n 10, p 2782-2794, December 2011

34. Research on the dynamic and non-same-plane vague region relations without kernel

Li, Song (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); Hao, Zhong-Xiao **Source:** *Journal of Harbin Institute of Technology (New Series)*, v 18, n 6, p 53-57, December 2011

35. Design of remote ECG monitoring system based on GPRS

Zhang, Kaiyu (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Song, Lixin; Lu, Di **Source:** *Proceedings of 2011 International Conference on Computer Science and Network Technology, ICCSNT 2011*, v 1, p 319-322, 2011, *Proceedings of 2011 International Conference on Computer Science and Network Technology, ICCSNT 2011*

36. Research on requirement for high-quality model of Extreme Programming

Zhai, Li-Li (School of Management, Harbin University of Science and Technology, Harbin, China); Hong, Lian-Feng; Sun, Qin-Ying **Source:** *Proceedings - 2011 4th International Conference on Information Management, Innovation Management and Industrial Engineering, ICIII 2011*, v 1, p 518-522, 2011, *Proceedings - 2011 4th International Conference on Information Management, Innovation Management and Industrial Engineering, ICIII 2011*

37. Non-fragile H^∞ filtering for a class of sampled-data system with long time-delay

Wang, Shi-gang (School of Automation, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang District, Harbin 150080, China); Wu, Jun-feng **Source:** *ICIC Express Letters, Part B: Applications*, v 2, n 6, p 1447-1452, December 2011

38. A demodulation method of FBG based on DFB laser and PID algorithm

Liu, Jie (College of Electrical and Electronic Engineer, Harbin University of Science and Technology, Harbin, China); Zhao, Hong; Wang, Peng; Jiang, Liang; Huang, Chao **Source:** *2011 Academic International Symposium on Optoelectronics and Microelectronics Technology, AISOMT 2011*, p 219-222, 2011, *2011 Academic International Symposium on Optoelectronics and Microelectronics Technology, AISOMT 2011*

39. Field current tracing control of a BSG based on sliding mode current observer

Yu, Teng-Wei (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); Wang, Xu-Dong **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 12, p 62-66, December 2011 **Language:** Chinese

40. Analysis and design for the financial system in ERP simulation instruction based on SOA

Chang-Yuan, Gao (School of Management, Harbin University of Science and Technology, Harbin 150080, China); Zhi, Chen; Cai-Xia, Yang; Shi-Hai, Tian **Source:** *Lecture Notes in Electrical Engineering*, v 132 LNEE, n VOL. 1, p 43-50, 2011, *Informatics in Control, Automation and Robotics*

41、 **An optical current transformer based on DFB laser demodulation**

[Liu, Jie](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Zhao, Hong](#); [Wang, Peng](#); [Jiang, Liang](#); [Huang, Chao](#) **Source:** *Guangdianzi Jiguang/Journal of Optoelectronics Laser*, v 22, n 12, p 1789-1792, December 2011 **Language:** Chinese

42、 **An edge detection approach of image fusion based on improved Sobel operator**

[Deng, Caixia](#) (School of Applied Science, Harbin University of Science and Technology, Harbin 150080, China); [Ma, Weifeng](#); [Yin, Yin](#) **Source:** *Proceedings - 4th International Congress on Image and Signal Processing, CISP 2011*, v 3, p 1189-1193, 2011, *Proceedings - 4th International Congress on Image and Signal Processing, CISP 2011*

43、 **Thermal process temperature decoupling controller based on improved BP algorithm**

[Wang, Weibing](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Xudong](#); [Liu, Dongju](#) **Source:** *Journal of Information and Computational Science*, v 8, n 16, p 4069-4077, December 2011

44、 **An improved ant colony optimization-based relevance vector regression algorithm for tourism electronic market forecasting**

[Xu, Anfeng](#) (College of Management, Harbin University of Science and Technology, Harbin 150080, China); [Han, Zhongchun](#) **Source:** *Journal of Information and Computational Science*, v 8, n 12, p 2269-2274, December 2011

45、 **Study on emergent social security event management in social transition period in China**

[Gao, Shang](#) (School of Management, Harbin University of Science and Technology, 150080, China); [Yang, Zao-Li](#); [Wang, Zheng-Pei](#) **Source:** *Proceedings of International Conference on Information Systems for Crisis Response and Management, ISCRAM 2011*, p 253-260, 2011, *Proceedings of International Conference on Information Systems for Crisis Response and Management, ISCRAM 2011*

46、 **IP start-up control for 300MW turbine unit with bypass system**

[Wang, Weibing](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin, 150080, China); [Wang, Xudong](#); [Liu, Dongju](#) **Source:** *Procedia Engineering*, v 16, p 493-498, 2011, *International Workshop on Automobile, Power and Energy Engineering, APEE 2011*

47、 **The Chinese-English bilingual sentence alignment based on length**

[Ding, Huafu](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [Quan, Lili](#); [Qi, Haoliang](#) **Source:** *Proceedings - 2011 International Conference on Asian Language Processing, IALP 2011*, p 201-204, 2011, *Proceedings - 2011 International Conference on Asian Language Processing, IALP 2011*

48、 **Depth and silhouette based skeletal joints tracking**

[Changzheng, Liu](#) (College of Computer Science and Technology, Harbin University of Science and Technology, China); [Zhiguang, Liu](#); [Zhiheng, Hu](#); [Guiyun, Ye](#) **Source:** *International Journal of Advancements in Computing Technology*, v 3, n 11, p 72-79, December 2011

49、 **Improved multi-objective genetic algorithm based on elite-policy**

[Zou, Ying-Yong](#) (Intelligent Machine Institute, Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Yong-De](#); [Jiang, Jin-Gang](#) **Source:** *Journal of Harbin Institute of Technology (New Series)*, v 18, n SUPPL. 1, p 403-407, December 2011

50. **Humanistic study on the relationship between knowledge management and technology**
Wu, Yulin (Harbin University of Science and Technology, Harbin, China); Liu, Ning; Liu, Ruiling **Source:** *Proceedings - 2011 International Conference of Information Technology, Computer Engineering and Management Sciences, ICM 2011*, v 4, p 168-170, 2011, *Proceedings - 2011 International Conference of Information Technology, Computer Engineering and Management Sciences, ICM 2011*
51. **Data processing of photovoltaic system on DSP 2812**
Wang, Yingli (Harbin University of Science and Technology, Harbin, China); Ouyang, Guangwei; Zhang, Xiaoqing **Source:** *Procedia Engineering*, v 23, p 109-114, 2011, *2011 International Conference on Power Electronics and Engineering Application, PEEA 2011*
52. **Investigation of metal extrusion forming through steadily rotating container**
Li, F. (College of Materials Science and Engineering, Harbin University of Science and Technology, no. 4 Lin Yuan Road, 150040 Harbin, Heilongjiang, China); Chu, G.N.; Liu, E.L.; Wu, R.Z.; Zhang, X.L. **Source:** *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, v 225, n 12, p 2927-2937, December 2011
53. **Effect of Ni on the morphology of IMC and mechanical properties of SAC-Bi-Ni/Cu joints**
Zou, Pengfei (Harbin University of Science and Technology, 4# Linyuan Road, Xiangfang District, Harbin, China); Sun, Fenglian; Liu, Yang **Source:** *Proceedings - International Symposium on Advanced Packaging Materials*, p 267-271, 2011, *APM 2011 Proceedings - 2011 International Symposium on Advanced Packaging Materials*
54. **Robust H^∞ control for the class of uncertain time-delay switched singular systems**
He, Zhaolan (Department of Automation, Harbin University of Science and Technology, Harbin, China); Gao, Cen; Liu, Kaiqing **Source:** *2011 International Conference on Electronics, Communications and Control, ICECC 2011 - Proceedings*, p 442-445, 2011, *2011 International Conference on Electronics, Communications and Control, ICECC 2011 - Proceedings*
55. **Experimentation and finite element analysis of electric field structure of electrospinning machine**
Duan, Hongwei (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Jiang, Jingang **Source:** *Advances in Intelligent and Soft Computing*, v 105, p 283-289, 2011, *Advances in Computer Science, Intelligent System and Environment*
56. **Heart rate variability signal analysis based on HHT**
Zhang, Kaiyu (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Song, Lixin; Wang, Yujing **Source:** *2011 International Conference on Electrical and Control Engineering, ICECE 2011 - Proceedings*, p 3943-3946, 2011, *2011 International Conference on Electrical and Control Engineering, ICECE 2011 - Proceedings*
57. **A method of SYN Flooding attack detection based on mathematical analysis**
Gao, Zhongwen (College of Automation, Harbin University of Science and Technology, Harbin, China); Wang, Lei **Source:** *2011 International Conference on Electrical and Control Engineering, ICECE 2011 - Proceedings*, p 496-498, 2011, *2011 International Conference on Electrical and Control Engineering, ICECE 2011 - Proceedings* **Language:** Chinese
58. **Discussion on graduation project reform in local engineering universities**

[Shi, Dequan](#) (Department of Material Science and Engineering, Harbin University of Science and Technology, Harbin, 150040, China); [Gao, Guili](#); [Li, Dayong](#); [Yu, Zemin](#); [Kang, Fuwei](#) **Source:** *Advances in Intelligent and Soft Computing*, v 108, p 757-763, 2011, *Education and Educational Technology*

59. Constitution of practice teaching system in higher education based on cultivating innovative practice ability

[Shi, Dequan](#) (Department of Material Science and Engineering, Harbin University of Science and Technology, Harbin, 150040, China); [Gao, Guili](#); [Yu, Zemin](#); [Kang, Fuwei](#); [Li, Dayong](#) **Source:** *Advances in Intelligent and Soft Computing*, v 108, p 733-739, 2011, *Education and Educational Technology*

60. Oil film temperature field simulation of hydrostatic center rack of heavy-duty horizontal boring lathe

[Shao, Junpeng](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin Heilongjiang 150080, China); [Li, Chong](#); [Xu, Xiaoqiu](#); [Yu, Xiaodong](#); [Wu, Bo](#); [Yin, Chao](#) **Source:** *Applied Mechanics and Materials*, v 71-78, p 1578-1581, 2011, *Frontiers of Green Building, Materials and Civil Engineering*

61. Design of convexity in rubber coating covered on driving drum in view of the ceramic tile buffing machine

[Shao, Junpeng](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin Heilongjiang 150080, China); [Liu, Jia](#); [Wang, Yunfei](#) **Source:** *Applied Mechanics and Materials*, v 71-78, p 1582-1585, 2011, *Frontiers of Green Building, Materials and Civil Engineering*

62. A real-time speech recognition system based on the Implementation of FPGA

[Zhang, Ge](#) (School of Applied Sciences, Harbin University of Science and Technology, Harbin, China); [Yin, Jinghua](#); [Liu, Qian](#); [Yang, Chao](#) **Source:** *Proceedings of 2011 Cross Strait Quad-Regional Radio Science and Wireless Technology Conference, CSQRWC 2011*, v 2, p 1375-1378, 2011, *Proceedings of 2011 Cross Strait Quad-Regional Radio Science and Wireless Technology Conference, CSQRWC 2011*

63. Variable sampling control for uncertain system

[Fan, Li-Ying](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Wu, Jun-Feng](#); [Liu, Hong-Liang](#); [Wang, Shi-Gang](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 11, p 90-94, November 2011 **Language:** Chinese

64. Development and validation of dual-core Viterbi

[Liao, Shilei](#) (School of Applied Sciences, Harbin University of Science and Technology, Harbin, China); [Yin, Jinghua](#); [Song, Mingxin](#) **Source:** *Proceedings of 2011 Cross Strait Quad-Regional Radio Science and Wireless Technology Conference, CSQRWC 2011*, v 2, p 1594-1597, 2011, *Proceedings of 2011 Cross Strait Quad-Regional Radio Science and Wireless Technology Conference, CSQRWC 2011*

65. 2D path planning of bevel tip flexible needle in soft tissue

[Zhang, Yongde](#) (Intelligent Machine Institute, Harbin University of Science and Technology, Harbin 150080, China); [Zhao, Yanjiang](#); [Chen, Hao](#) **Source:** *Jiqiren/Robot*, v 33, n 6, p 750-757, November 2011 **Language:** Chinese

66、 High-power LED constant-current driver circuit design and efficiency analysis

Wang, Hongmin (Harbin University of Science and Technology, Harbin, China); Liu, Zhili; Dong, Jing **Source:** *Proceedings of 2011 Cross Strait Quad-Regional Radio Science and Wireless Technology Conference, CSQRWC 2011*, v 1, p 705-710, 2011, *Proceedings of 2011 Cross Strait Quad-Regional Radio Science and Wireless Technology Conference, CSQRWC 2011* ?

67、 Fuzzy energy management strategy for HEV based on particle swarm optimization with compressibility factor

Zhou, Mei-Lan (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); Zhang, Yu; Yang, Zi-Fa; Kang, Di **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 11, p 67-72, November 2011 **Language:** Chinese

68、 Approximation of large time delay for MIMO systems by using matrix Pade-type

Yan, Zhe (School of Automation, Harbin University of Science and Technology, Harbin, China); Zhang, Chao; Zhao, Hong; Fan, Fei; Che, Shutao; Cui, Xiaoming **Source:** *2011 2nd International Conference on Mechanic Automation and Control Engineering, MACE 2011 - Proceedings*, p 108-111, 2011, *2011 2nd International Conference on Mechanic Automation and Control Engineering, MACE 2011 – Proceedings*

69、 Magnetic field variation in squirrel-cage induction motor operating on asymmetric rotor

Xie, Ying (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); Wang, Lingchao; Yu, Yongyuan **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 31, n 30, p 100-108, October 25, 2011 **Language:** Chinese

70、 Study on rotary impeller refinement of 4004 Al alloy

Zhao, Yarding (Harbin University of Science and Technology, Harbin 150080, China); Gou, Erjun; Cao, Guojian; Xu, Pengao; Lv, Xinyu; Wang, Guojun; Ma, Lin **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 2, p 924-927, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

71、 The research of OFDM modulation and demodulation technology based on wavelet packet

Man, Chuntao (Harbin University of Science and Technology, Harbin, China); Wang, Wei; Chi, Yantao; Wang, Shun **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 902-906, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

72、 Robust stability of linear sampled-data control systems with time-varying delay

Li, Bing (School of Automation, Harbin University of Science and Technology, Harbin, China); Wu, Junfeng **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1036-1039, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

73、 Wavefront aberration correction using circulation feedback control based on image boundary definition

Zhang, Hong-Xin (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin Heilongjiang, China); Zhang, Jian; Wu, Li-Ying; Wang, Dong **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology*,

EMEIT 2011, v 3, p 1595-1598, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

74、 Brittleness entropy of complex system based protection of microgrid

Huo, Guang (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, 150080, China); Wei, Qi; Rong, Panxiang; Jia, Delin **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 433-436, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

75、 Effects of hydraulic pressure loading paths on the forming of automobile panels by hydro-mechanical deep drawing based on numerical simulation

Liu, Xiaojing (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); Wang, Cong; Li, Feng; Liu, Penghui; Wang, Fei **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 104-107, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

76、 Research of six-pole permanent magnet submersible motor design

Wen, Jiabin (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Pan, Yabin **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 545-548, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

77、 Effect of content on dielectric performance of Barium titanate/polyimide films

Chen, Minghua (School of Applied Science, Harbin University of Science and Technology, Harbin, China); Yin, Jinghua; Feng, Yu; Liu, Xiaoxu; Li, Guang **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 4, p 2033-2036, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

78、 Simulation study of soil direct cooling air-conditioning system

Liu, Yuejun (Department of Automation, Harbin University of Science and Technology, Harbin, China); Wang, Fang; Guo, Ruiqian; Dong, Hui; Niu, Lianjing **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 521-523, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

79、 Multiplexing fiber Bragg grating sensor system based on heterodyne method

Xiong, Yanling (Harbin University of Science and Technology, Harbin, China); Chen, Yang; Yang, Wenlong; Xie, Qinye; Wang, Ying **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 840-843, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

80、 Research on key technology of Internet of Things based on FRID

Yin, Laiwu (Harbin University of Science and Technology, Harbin, China); Chen, Deyun; Zhu, Hongwei **Source:** *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*, p 355-358, 2011, *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*

81、 Research on the third party logistics supplier selection evaluation based on AHP and entropy

Xiu, Guoyi (College of Economy, Harbin University of Science and Technology, Harbin 150001, China); Chen, Xiaohua **Source:** *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*, p 788-792, 2011, *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*

82. Research on key technology of Savant middleware in the Internet of Things

Yin, Laiwu (Harbin University of Science and Technology, Harbin, China); Chen, Deyun; Fu, Xin; Wang, Donglai **Source:** *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*, p 350-354, 2011, *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*

83. An international comparative study on the developments of green logistics

Xiu, Guoyi (College of Economy, Harbin University of Science and Technology, Harbin 150001, China); Chen, Xiaohua **Source:** *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*, p 783-787, 2011, *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*

84. Intelligent prediction of process parameters for bending forming

Ren, Shengle (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150001, China); Lai, Yanan; Wu, Guangfei; Gu, Juntao; Dai, Ye **Source:** *Open Mechanical Engineering Journal*, v 5, n 1, p 26-31, 2011

85. Text categorization in selecting authentic materials on tertiary level

Lang, Fei (School of Foreign Languages, Harbin Science and Technology, Harbin 150080, China); Sun, Guang-Lu; Shen, Yuewu **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 769-772, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

86. Modeling and compensation analysis of ball-end milling cutter wear

Sui, Xiulin (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin Heilongjiang 150080, China); Zhao, Ping; Zhang, Chunhong; Zhang, Ping; Hu, Na **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 6, p 3293-3296, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

87. A ROM-less direct digital frequency synthesizer based on a scaling-free CORDIC algorithm

Cao, Yi-Jiang (School of Applied Sciences, Harbin University of Science and Technology, Harbin, China); Wang, Yang; Sung, Tze-Yun **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1186-1189, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

88. Calculation of 3D electric field at the end insulation of transformer

Shan, Tao (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Zhang, Peihong **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 460-463, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

89. Research of starting characteristics for high-voltage motors based on numerical method

Xia, Yunyan (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Meng, Dawei; Ren, Yanping **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 549-552, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

90、 Study of thin-plate specimen fixture of high-frequency fatigue testing machine

Xiang, Jingzhong (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang, China); Song, Xin **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 7, p 3643-3645, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

91、 Modeling of solidification of ZM5 shell and optimization of casting parameters

Guo, Erjun (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); Zhao, Sicong; Wang, Liping **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 84-88, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

92、 A robust control method of two-wheeled self-balancing robot

Wu, Junfeng (College of Automation, Harbin University of Science and Technology, Harbin, China); Liang, Yuxin; Wang, Zhe **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1031-1035, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

93、 T-S adaptive neural network fuzzy control applied in two-wheeled self-balancing robot

Wu, Junfeng (College of Automation, Harbin University of Science and Technology, Harbin, China); Jia, Shengwei **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1023-1026, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

94、 Development of Lithium-ion battery pack balanced controller based on fuzzy control

Li, Jia De (College of Automation, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); Yong, Zhang Tian; Hui, Zhang Feng; Peng, Xu **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 265-268, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

95、 Application research for resilient control of the welding process systems with pole constraints

Wang, Shi-Gang (School of Automation, Harbin University of Science and Technology, Harbin, 150080, China); Wu, Jun-Feng; Fan, Li-Ying **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 712-715, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

96、 The design of streaming media proxy server based on patching first algorithm

Li, Peng (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); Zheng, Wei; Zhang, Kaihui **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 643-647, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

97、 Effect on SiO₂ gel for optical fiber preform by hydrochloric acid and formamide in sol-gel

method

[Hao, Shan-Shan](#) (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Tang, Hui](#); [Gao, Wei-Li](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 211-214, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

98、 Nonlinear robust controller design for Speed Regulating System of Propulsion in the Full Range

[Xu, Donghao](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Rong, Panxiang](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1005-1008, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

99、 Current situation and development of thermal analysis technology and sample cup

[Li, Chen](#) (Department of Material Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Li, Dayong](#); [Shi, Dequan](#); [Lu, Boshi](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 108-111, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

100、 Analysis of electromagnetic behavior of a switched reluctance motor

[Ding, Shuye](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Liu, Haoran](#); [Lv, Xiangping](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 399-402, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

101、 Numerical simulation on cavity type influence of multiple oil pad hydrostatic guide fluid state

[Dai, Chunxi](#) (Department of Mechanical Power Engineering, Harbin University of Science and Technology, Harbin, China); [Shao, Junpeng](#); [Xu, Xiaoqiu](#); [Zhang, Yanqin](#); [Yu, Xiaodong](#); [Qin, Bai](#); [Wu, Bo](#) **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 2, p 1087-1090, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

102、 Research on a improved PMSM vector control system

[Cao, Yu](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Wang, Xudong](#); [Na, Risha](#); [Mao, Liangliang](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 678-683, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

103、 Sliding mode based speed regulating of PMSM MTPA control system for electrical vehicles

[Jin, Ningzhi](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Wang, Xudong](#); [Gao, Hanying](#); [Liu, Jinfeng](#) **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 2, p 987-992, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

104、 Finite element simulation of SPF/DB process for ZK60 magnesium alloy corrugated part

[Yu, Yandong](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Li, Chao](#); [Feng, Juan](#) **Source:** *Proceedings of 2011 International*

Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011, v 3, p 1654-1657, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

105. **The simulation of model tracking for second-order dynamical systems**

Huang, L. (School of Automation, Harbin University of Science and Technology, Harbin, China); Yu, C.B.; Zhang, T.J. **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 915-919, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

106. **Calculation of a complex 3-D model of a turbogenerator with end region regarding electrical losses, cooling, and heating**

Weili, Li (Harbin University of Science and Technology, Harbin 150080, China); Chunwei, Guan; Ping, Zheng **Source:** *IEEE Transactions on Energy Conversion*, v 26, n 4, p 1073-1080, December 2011

107. **An integrated scheduling algorithm for determination of the product scheduling sequence by delivery date**

Xie, Zhiqiang (College of Computer Science and Technology, Harbin Engineering University, Harbin 150001, China); Chang, Ningning; Yang, Jing **Source:** *Gaojishu Tongxin/Chinese High Technology Letters*, v 21, n 12, p 1291-1298, December 2011 **Language:** Chinese

108. **Thermal process temperature decoupling controller based on improved BP algorithm**

Wang, Weibing (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); Wang, Xudong; Liu, Dongju **Source:** *Journal of Information and Computational Science*, v 8, n 16, p 4069-4077, December 2011

109. **IP start-up control for 300MW turbine unit with bypass system**

Wang, Weibing (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin, 150080, China); Wang, Xudong; Liu, Dongju **Source:** *Procedia Engineering*, v 16, p 493-498, 2011, *International Workshop on Automobile, Power and Energy Engineering, APEE 2011*

110. **Study on the detrapping of charge carriers in polyethylene films**

He, Lijuan (Harbin University of Science and Technology, Harbin, 150080, China); Li, Dawei; Wang, Dongni; Li, Jing; Wang, Xuan; Lei, Qingquan **Source:** *Annual Report - Conference on Electrical Insulation and Dielectric Phenomena, CEIDP*, p 264-266, 2011, *2011 Annual Report Conference on Electrical Insulation and Dielectric Phenomena, CEIDP 2011*

111. **Extracting Chinese-English phrase translation pairs based on tree-tree alignment**

Zhang, Chun-Xiang (School of Software, Harbin University of Science and Technology, Harbin 150080, China); Gao, Xue-Yao; Liu, Kun; Sun, Da-Song; Liu, Yong; Lv, Hong-Li **Source:** *Proceedings - International Conference on Machine Learning and Cybernetics*, v 4, p 1492-1496, 2011, *Proceedings of 2011 International Conference on Machine Learning and Cybernetics, ICMLC 2011*

112. **Machine-driven integrated scheduling algorithm with rollback-preemptive**

Xie, Zhi-Qiang (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); Xin, Yu; Yang, Jing **Source:** *Zidonghua Xuebao/Acta Automatica Sinica*, v 37, n 11, p 1332-1343, November 2011 **Language:** Chinese

113. **High-power LED constant-current driver circuit design and efficiency analysis**

Wang, Hongmin (Harbin University of Science and Technology, Harbin, China); Liu, Zhili; Dong, Jing **Source:** *Proceedings of 2011 Cross Strait Quad-Regional Radio Science and Wireless Technology Conference, CSQRWC 2011*, v 1, p 705-710, 2011, *Proceedings of 2011 Cross Strait Quad-Regional Radio Science and Wireless Technology Conference, CSQRWC 2011*

114、 Fuzzy energy management strategy for HEV based on particle swarm optimization with compressibility factor

Zhou, Mei-Lan (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); Zhang, Yu; Yang, Zi-Fa; Kang, Di **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 11, p 67-72, November 2011 **Language:** Chinese

115、 Preparation and study on the electrical properties of polyimide/TiO₂ hybrid films

Chen, Minghua (School of Applied Science, Harbin University of Science and Technology, Harbin, China); Yin, Jinghua; Feng, Yu; Liu, Xiaoxu; Li, Guang **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 155-158, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

116、 The research on the draught fan system of the power plant boiler based on fuzzy adaptive PID control

Rong, Panxiang (School of Automation, Harbin University of Science and Technology, Harbin, China); Li, Chao; Han, Leng **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 979-982, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

117、 Dielectric properties of PI/BaTiO₃ with disparate inorganic content

Feng, Yu (School of Applied Science, Harbin University of Science and Technology, Harbin, China); Yin, Jinghua; Chen, Minghua; Liu, Xiaoxu; Li, Guang **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 226-229, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

118、 Crack-healing behavior of Al₂O₃/SiC composite

Guo, Yingkui (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); Chen, Rui; He, Xiulan; Qi, Junjie; Li, Dayong **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 97-100, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

119、 Research on power quality monitoring system of oil field based on ARM

Zhang, Kaiyu (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Zhao, Hong; Lu, Di **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 6, p 3242-3245, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

120、 Preparation of graphene nanosheets by in-situ oxidation-exfoliation method

Han, Zhidong (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); Dong, Wenzhe; Xu, Da **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 140-142, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

121、 **Novel designs for quartz tuning fork temperature sensor**

[Ma, Jing](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Yang, Yanxia](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 856-859, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

122、 **Research on image processing algorithm of intelligent car with visual navigation**

[Lv, Ning](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Niu, Shuyan](#); [Li, Xinran](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1215-1220, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

123、 **Calculation and analysis of fluid flow and heat transfer for large doubly-fed wind generator**

[Ding, Shuye](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Sun, Zhaoqiong](#); [Deng, Lei](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 619-623, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

124、 **A multi-agent control strategy in microgrid island mode**

[Shao, Duo](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, 150080, China); [Wei, Qi](#); [Nie, Tingzhi](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 429-432, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

125、 **Research on the pressure field of hydrostatic center rest**

[Wu, Bo](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang, China); [Huang, Zhi](#); [Shao, Junpeng](#); [Yu, Xiaodong](#) **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 1, p 458-461, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

126、 **Research on the thermal deformation field of exhaust valve for high temperature steam booster pump based on ANSYS**

[Wu, Bo](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang, China); [Li, Jianying](#); [Li, Jincheng](#); [Shao, Junpeng](#) **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 1, p 454-457, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

127、 **Electromyography signals acquisition and real-time classification**

[Huang, Ling](#) (College of Automation, Harbin University of Science and Technology, Harbin, China); [Zhou, Lina](#); [Xu, Guoqiang](#); [Yang, Wenyuan](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 339-343, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

128、 **Effect of Cerium addition on microstructure and mechanical properties of 4004 aluminum alloy**

[Zhao, Yanling](#) (Harbin University of Science and Technology, Harbin, 150080, China); [Wu, Fengling](#); [Zhang, Jianjiao](#); [Cao, Guojian](#); [Guo, Erjun](#); [Zhang, Chaojun](#) **Source:** *Proceedings of 2011*

International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011, v 2, p 928-931, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

129、 Research method of wind energy control based on vertical axis wind turbine

[Fu, Min](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Ge, Cang](#); [Xue, Yuxin](#); [Shan, Tao](#); [Wang, Ji](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 508-511, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

130、 Guaranteed cost sampled-data control: An input delay approach

[Fan, Liying](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Wu, Junfeng](#); [Li, Jixiang](#); [Wang, Shigang](#); [Liu, Hongliang](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1045-1048, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

131、 Measurement of phase and intensity by Dual-imaging Interferometry for performance evaluation of liquid crystal spatial light modulator

[Zhang, Hongxin](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Jian](#); [Wu, Liying](#) **Source:** *Optik*, v 122, n 14, p 1249-1253, July 2011

132、 Calculation and analysis on circulating current losses in the stator bar strands of a 1000 MW hydro-generator

[Liang, Yan-Ping](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Sun, Yang](#); [Sun, Yu-Tian](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 7, p 65-70, July 2011 **Language:** Chinese

133、 Fault diagnosis of engine misfire based on genetic optimized support vector machine

[Lu, Di](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Dou, Wenjuan](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 250-253, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

134、 Analysis of rotor temperature field of EHVG loss of field asynchronous operating

[Lü, Yan-Ling](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Ge, Bao-Jun](#); [Zhang, Zhi-Qiang](#); [Chang, Wei-Bin](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 1, p 44-48, January 2011 **Language:** Chinese

135、 A novel multiple-electrodes excitation method for electrical capacitance tomography system

[Li, Lanying](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [Gao, Ming](#); [Chen, Deyun](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1167-1171, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

136、 Numerical calculation and analysis of fluid flow field of stator and air-gap of a synchronous machine

Lu, Yi-Ping (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); Feng, Fan; Sun, Ming-Qi; Han, Jia-De **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 8, p 47-51, August 2011 **Language:** Chinese

137、 **Kinematic simulation of polishing head oscillating mechanism based on COSMOSMotion**

Shao, Junpeng (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin Heilongjiang 150080, China); Chi, Mingshan; Zhang, Yanqin; Xu, Bin **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 2, p 875-878, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

138、 **Composite elbow winding machine applied teaching and playback method**

Xu, Jiazhong (School of Automation, Harbin University of Science and Technology, 52 Xuefu Road, Nangang District, Harbin, Heilongjiang, 150080, China); Qiao, Ming; Zhang, Liyong; Liu, Dan **Source:** *Advanced Materials Research*, v 183-185, p 2249-2253, 2011, *Environmental Biotechnology and Materials Engineering*

139、 **Robust stability of linear sampled-data control systems with time-varying delay**

Li, Bing (School of Automation, Harbin University of Science and Technology, Harbin, China); Wu, Junfeng **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1036-1039, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

140、 **The effect of oil cavity depth on temperature field in heavy hydrostatic thrust bearing**

Shao, Jun-Peng (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); Dai, Chun-Xi; Zhang, Yan-Qin; Yu, Xiao-Dong; Xu, Xiao-Qiu; Wang, Yun-Fei **Source:** *Journal of Hydrodynamics*, v 23, n 5, p 676-680, October 2011

141、 **Study on operation modes and implementation tactics of patent pool**

Wu, Jian-Long (School of Management, Harbin University of Science and Technology, Harbin 150080, China); Wang, Hong-Qi **Source:** *2011 International Conference on Management Science and Industrial Engineering, MSIE 2011*, p 646-649, 2011, *2011 International Conference on Management Science and Industrial Engineering, MSIE 2011*

142、 **Superplastic forming of AZ31 magnesium alloy using resistance heating**

Li, Chao (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin, China); Yu, Yandong; Zhang, Kaifeng **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 190-193, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

143、 **Research on wireless communications radiation monitoring system**

Wang, Xiaoyu (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); Wang, Zhaoguo; Xu, Liyuan; Chen, Deyun; Zhan, Yanpeng **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 773-776, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

144、 **Flexible integrated scheduling algorithm base on static processing time**

Xie, Zhiqiang (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); Wang, Peng; Chang, Ningning; Shao, Xia **Source:** *2011 International Conference on Computer Science and Service System, CSSS 2011 - Proceedings*, p

1279-1282, 2011, *2011 International Conference on Computer Science and Service System, CSSS 2011 - Proceedings* **Language:** Chinese

145、 Evolution of the semi-solid microstructure of ADC12 alloy in a modified SIMA process

[Wang, Zhenyu](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Ji, Zesheng](#); [Hu, Maoliang](#); [Xu, Hongyu](#) **Source:** *Materials Characterization*, v 62, n 10, p 925-930, October 2011

146、 Finite element analysis of superplastic blow forming of fine-grained magnesium alloy sheet

[Yu, Yandong](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Jiang, Peng](#); [Zhuang, Yuan](#); [Ning, Huiyan](#) **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 3, p 1650-1653, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

147、 Classification of rice kernels using wavelet packet transform and support vector machine

[Zhong, Weifeng](#) (College of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Liu, Chengji](#); [Zhang, Yanli](#); [Wu, Ligu](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1099-1103, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

148、 Experimental study on measuring liquid viscosity by vertical oscillation of fusiform wing body

[Zhang, Jian-Lei](#) (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Li, Da-Yong](#); [Wang, Li-Hua](#); [Sun, Qian](#) **Source:** *Zhongnan Daxue Xuebao (Ziran Kexue Ban)/Journal of Central South University (Science and Technology)*, v 42, n 10, p 3002-3008, October 2011 **Language:** Chinese

149、 Research on the collaborative mechanism of multinational corporations' investment and investment undertaken by underdeveloped area

[Liu, Yi](#) (School of Management, Harbin University of Science and Technology, 150080, China) **Source:** *BMEI 2011 - Proceedings 2011 International Conference on Business Management and Electronic Information*, v 3, p 743-747, 2011, *BMEI 2011 - Proceedings 2011 International Conference on Business Management and Electronic Information*

150、 Function projective lag synchronization in a class of chaotic systems with unknown parameters

[Du, Hongyue](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Huang, Jinjie](#); [Gong, Libin](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 936-940, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

151、 Sliding mode speed control of PMSM MTPA control system for electrical vehicles

[Jin, Ning-Zhi](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Xu-Dong](#); [Li, Wen-Juan](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 8, p 52-58, August 2011 **Language:** Chinese

152、 Stiffness simulation analysis of rubber bush mountings

[Qin, Bai](#) (Harbin University of Science and Technology, Harbin Heilongjiang, China); [Zhang, Bo](#); [Yu, Xiaodong](#); [Zhang, Yanqin](#); [Han, Guihua](#); [Li, Jianying](#) **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 2, p 1095-1098, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

153、 The design of Remote Image monitoring system based on DM9000A

[Xue, Ping](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Hou, Juanjuan](#); [Wang, Haichao](#); [Ma, Jianwei](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 885-889, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

154、 Text categorization in selecting authentic materials on tertiary level

[Lang, Fei](#) (School of Foreign Languages, Harbin Science and Technology, Harbin 150080, China); [Sun, Guang-Lu](#); [Shen, Yuewu](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 769-772, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

155、 Structure optimal design of pneumatic 6-DOF parallel robot based on natural frequency

[Bo, Wu](#) (Harbin University of Science and Technology, Harbin 150001, China); [Li, Xu](#); [Yu, Xiao-Dong](#); [Wang, Zhi-Wei](#); [He, Xu](#) **Source:** *Key Engineering Materials*, v 450, p 349-352, 2011, *Advanced Design and Manufacture III, ADM2010*

156、 Research on the charge trap in polymer by optical and thermal methods

[He, Lijuan](#) (Harbin University of Science and Technology, Harbin, 150080, China); [Li, Dawei](#); [Xie, Haiping](#); [Wang, Xuan](#); [Lei, Qingquan](#) **Source:** *2011 Academic International Symposium on Optoelectronics and Microelectronics Technology, AISOMT 2011*, p 157-159, 2011, *2011 Academic International Symposium on Optoelectronics and Microelectronics Technology, AISOMT 2011*

157、 High power LED thermal performance test analysis and its research methods

[Wang, Hong Min](#) (College of Automation, Harbin University of Science and Technology, Harbin, 150080, China); [Li, Haibo](#); [Chen, Hua](#); [Cao, Yu](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 517-520, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

158、 A self-adapting improvement Particles Swarm Optimization algorithm and application in Multi-Criteria Group Decision-making

[Shan, Zidan](#) (School of Management, Harbin University of Science and Technology, Harbin 150040, China) **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 2, p 670-673, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

159、 Simulation of active power filter with one-cycle control under unipolar operation by PSCAD/EMTDC

[Zhang, Wei](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Li, Wenjuan](#); [Zhao, Mengying](#); [Liu, Xujiang](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 580-583, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

160、 Application of modified wavelet features and multi-class sphere SVM to pathological vocal detection

Wu, Shi (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); Jia, Dongkai; Wu, Ke **Source:** *Proceedings - 2011 7th International Conference on Natural Computation, ICNC 2011*, v 1, p 544-548, 2011, *Proceedings - 2011 7th International Conference on Natural Computation, ICNC 2011*

161、 Government behavior research on supporting regional R&D alliance development

Wang, Xueyuan (School of Management, Harbin University of Science and Technology, Harbin, China); Wang, Hongqi **Source:** *2011 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2011 - Proceedings*, 2011, *2011 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2011 - Proceedings*

162、 Research on the main steam pressure control system of boilers based on fuzzy PI control

Rong, Panxiang (School of Automation, Harbin University of Science and Technology, Harbin, China); Han, Leng; Li, Chao **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 927-930, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

163、 Research on dynamic web services composition framework based on quality of service

Pei, Shujun (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); Chen, Deyun **Source:** *Information Technology Journal*, v 10, n 8, p 1645-1649, 2011

164、 Temperature control of batch reaction based on genetic fuzzy neural network

Man, Chun-Tao (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); Cui, Jia; Yang, Xin-Xin; Wang, Junkai; Wang, Tianfeng **Source:** *Advanced Materials Research*, v 204-210, p 1968-1971, 2011, *Advanced Research on Industry, Information System and Material Engineering*

165、 Calculation and analysis of six-phase synchronous motor operating at rated condition by FEM

Lin, Peng (Harbin University of Science and Technology, Harbin, China); Ge, Baojun; Chen, Zengfen **Source:** *2011 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2011 - Proceedings*, 2011, *2011 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2011 - Proceedings*

166、 Thermal field calculation for the rotor of large turbo-generator

Yang, Yan-Jun (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Liang, Yan-Ping; Chen, Jing **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 584-588, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

167、 Space manipulator grasping control with flexible link and flexible joint

Zhang, Yuan (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); Zhao, Zhigang; Li, Na; Wei, Cheng **Source:** *Nanjing Hangkong Hangtian Daxue Xuebao/Journal of Nanjing University of Aeronautics and Astronautics*, v 43, n 2, p 210-215, April 2011 **Language:** Chinese

168、 Influence of radial position of medium size high voltage asynchronous motor stator ventilation channel peri-axle terminal on fluid flow pattern

[Wen, Jia Bin](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, No.52,Xue Fu Road,Nan Gang District, Harbin, 150040, China); [Yan, Hong Yu](#) **Source:** *Advanced Materials Research*, v 201-203, p 818-823, 2011, *Advanced Manufacturing Systems*

169、 Parameters optimization and performance simulation for parallel hybrid electric vehicle

[Zhou, Meilan](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Zhang, Hao](#); [Gao, Zhaoming](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 242-245, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

170、 Study of a novel dead-time compensation method for SVPWM

[Mao, Liangliang](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Wang, Xudong](#); [Na, Risha](#); [Cao, Yu](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 278-282, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

171、 Research vision-guided robot for obstacle avoidance of information fusion in the unstructured environment

[Peng, Wang](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); [Yuan, Zhang](#); [Jing-Lei, Xin](#); [Shao-Chen, Kang](#) **Source:** *Sensor Letters*, v 9, n 5, p 2021-2024, October 2011

172 、 Function projective synchronization in drive-response dynamical networks with non-identical nodes

[Du, Hongyue](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China) **Source:** *Chaos, Solitons and Fractals*, v 44, n 7, p 510-514, July 2011

173、 Application and simulation of SVPWM in three phase inverter

[Jia, YingYing](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Wang, XuDong](#); [Mao, LiangLiang](#); [Yang, ShuCai](#); [Zhang, HaiXing](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 541-544, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

174、 Incomplete differential PID neural network temprature controller for thermal process

[Wang, Weibing](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [Wang, Xudong](#); [Wang, Wei](#); [Liu, Dongju](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 920-923, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

175、 Technology transfer of foreign direct investment in China-based on two-sector model

[Ma, Jing-Mei](#) (Harbin University of Science and Technology, Harbin 150080, China); [Jia, Hong-Yu](#) **Source:** *2011 IEEE 18th International Conference on Industrial Engineering and Engineering Management, IE and EM 2011*, n PART 3, p 1971-1974, 2011, *2011 IEEE 18th International Conference on Industrial Engineering and Engineering Management, IE and EM 2011*

176、 Fuzzy PID control for AC servo system based on Stribeck friction model

Xu, Jiazhong (College of Automation, Harbin University of Science and Technology, Harbin, China); Qiao, Ming; Wang, Wei; Miao, Yanan **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 706-711, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

177. **Variable sampling control for uncertain system**

Fan, Li-Ying (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); Wu, Jun-Feng; Liu, Hong-Liang; Wang, Shi-Gang **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 11, p 90-94, November 2011 **Language:** Chinese

178. **Extract reordering templates for statistical machine translation**

Zhang, Chun-Xiang (School of Software, Harbin University of Science and Technology, China); Gao, Xue-Yao; Lu, Zhi-Mao **Source:** *International Journal of Digital Content Technology and its Applications*, v 5, n 9, p 55-62, September 2011

179. **Analysis on mechanism of bacterial inactivation by pulsed electric field and experimental research for bacterial inactivation model**

Wei, Xin-Lao (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); Li, Jia-Hui; Yan, Er-Bao; Wang, Yong-Hong **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 1, p 6-12, January 2011 **Language:** Chinese

180. **Effect of measurement temperature on Electroluminescence properties of PET films**

Lin, Jiaqi (School of Applied Science, Harbin University of Science and Technology, Harbin, 150080, China); Xia, Minghui; Shi, Junhui; Leng, Jing; Chi, Qingguo **Source:** *Materials Science Forum*, v 694, p 657-661, 2011, *Frontier of Nanoscience and Technology*

181. **Preparation of Fe₂O₃ coated aluminum borate whiskers by a sol-gel method**

Yue, H.Y. (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); Guo, E.J.; Wang, L.P.; Huang, S. **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 55-57, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

182. **The fuzzy PID control system for superheated steam temperature of boiler**

Man, Chuntao (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); Li, Jia; Wang, Lanying; Chi, Yantao **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 967-970, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

183. **Deformation behaviour of AZ31 magnesium alloy sheets produced by twin-roll casting and sequential hot rolling**

Yu, Yandong (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, 150040, China); Jiang, Peng; Li, Chao; Lin, Kai **Source:** *Advanced Materials Research*, v 299-300, p 368-371, 2011, *Materials and Manufacturing*

184. **Approximation of large time delay for MIMO systems by using matrix Pade-type**

Yan, Zhe (School of Automation, Harbin University of Science and Technology, Harbin, China); Zhang, Chao; Zhao, Hong; Fan, Fei; Che, Shutao; Cui, Xiaoming **Source:** *2011 2nd International Conference on Mechanic Automation and Control Engineering, MACE 2011 - Proceedings*, p 108-111, 2011, 2011

185、 **Research on key technology of Internet of Things based on FRID**

Yin, Laiwu (Harbin University of Science and Technology, Harbin, China); Chen, Deyun; Zhu, Hongwei **Source:** *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*, p 355-358, 2011, *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*

186、 **Numerical calculation of Q and D axis reactance for permanent magnet generator based on coupled field**

Wen, Jiabin (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Ren, Yanping **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 537-540, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

187、 **Design of vehicle controller for ISG hybrid electric car based on fuzzy control**

Wu, Xiaogang (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Wang, Xudong; Ma, Wennan; Li, Wenjuan; Yu, Tengwei; Qi, Yunfei **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 269-272, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

188、 **Calculation of rotor temperature field for huge hydro-generator**

Lv, Cheng-Yuan (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Liang, Yan-Ping; Chen, Jing **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 524-528, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

189、 **Magnetic field variation in squirrel-cage induction motor operating on asymmetric rotor**

Xie, Ying (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); Wang, Lingchao; Yu, Yongyuan **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 31, n 30, p 100-108, October 25, 2011 **Language:** Chinese

190、 **Extracting Chinese-English phrase translation pairs based on tree-tree alignment**

Zhang, Chun-Xiang (School of Software, Harbin University of Science and Technology, Harbin 150080, China); Gao, Xue-Yao; Liu, Kun; Sun, Da-Song; Liu, Yong; Lv, Hong-Li **Source:** *Proceedings - International Conference on Machine Learning and Cybernetics*, v 4, p 1492-1496, 2011, *Proceedings of 2011 International Conference on Machine Learning and Cybernetics, ICMLC 2011*

191、 **Effects of distributed generation interconnections on voltage of distribution system**

Fu, Min (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Xue, Yuxin; Ge, Cang **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 503-507, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

192、 **The design of VPN security gateway in remote monitoring system of rheometer**

Zhong, Weifeng (College of Automation, Harbin University of Science and Technology, Harbin, China); Zhang, Yanli; Jiang, Yunxia **Source:** *Proceedings of the 6th International Forum on Strategic*

Technology, IFOST 2011, v 2, p 1109-1113, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

193. Vibration analysis of anisotropic circular cylindrical shells with varying winding angle

[Wang, Zhiwei](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); [Wu, Bo](#); [Huo, Da](#); [Bosiakov, S.M.](#) **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 8, p 4385-4388, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

194. Design of remote ECG monitoring system based on GPRS

[Zhang, Kaiyu](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Song, Lixin](#); [Lu, Di](#) **Source:** *Proceedings of 2011 International Conference on Computer Science and Network Technology, ICCSNT 2011*, v 1, p 319-322, 2011, *Proceedings of 2011 International Conference on Computer Science and Network Technology, ICCSNT 2011*

195. Supply chain competition based on customer utility

[Zhanghua, Yan](#) (School of Management, Harbin University of Science and Technology, China); [Chun-Xian, Teng](#); [Chao, Zhang](#) **Source:** *BMEI 2011 - Proceedings 2011 International Conference on Business Management and Electronic Information*, v 5, p 52-56, 2011, *BMEI 2011 - Proceedings 2011 International Conference on Business Management and Electronic Information - Special Track on Supernetworks and System Management, ICSSM2011*

196. Study on magnetic field effect of AC motor

[Feng, Yue](#) (Harbin University of Science and Technology, Harbin, Heilongjiang Province, 150080, China); [Zhao, Yang](#) **Source:** *Advanced Materials Research*, v 204-210, p 1705-1709, 2011, *Advanced Research on Industry, Information System and Material Engineering*

197. Consolidating SWOT analysis with nonhomogeneous uncertain preference information

[Gao, Chang-Yuan](#) (School of Management, Harbin University of Science and Technology, 150040 Harbin, China); [Peng, Ding-Hong](#) **Source:** *Knowledge-Based Systems*, v 24, n 6, p 796-808, August 2011

198. Oil film temperature field simulation of hydrostatic center rack of heavy-duty horizontal boring lathe

[Shao, Junpeng](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin Heilongjiang 150080, China); [Li, Chong](#); [Xu, Xiaoqiu](#); [Yu, Xiaodong](#); [Wu, Bo](#); [Yin, Chao](#) **Source:** *Applied Mechanics and Materials*, v 71-78, p 1578-1581, 2011, *Frontiers of Green Building, Materials and Civil Engineering*

199. The cultivation of competent engineering majors oriented by industrial demand

[Dawei, Meng](#) (Harbin University of Science and Technology, No.52 Xuefu Road, Harbin, 150080, China); [Shanqiang, Li](#) **Source:** *Lecture Notes in Electrical Engineering*, v 112 LNEE, p 61-66, 2011, *Engineering Education and Management - Vol 2, Results of the 2011 International Conference on Engineering Education and Management, ICEEM2011*

200. Research on R & D alliance risk measurement from the view of resources

[Wang, Xueyuan](#) (School of Management, Harbin University of Science and Technology, Harbin, China); [Wang, Hongqi](#) **Source:** *2011 Asia-Pacific Power and Energy Engineering Conference*,

APPEEC 2011 - Proceedings, 2011, 2011 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2011 - Proceedings

201、 Research on requirement for high-quality model of Extreme Programming

Zhai, Li-Li (School of Management, Harbin University of Science and Technology, Harbin, China); Hong, Lian-Feng; Sun, Qin-Ying **Source:** *Proceedings - 2011 4th International Conference on Information Management, Innovation Management and Industrial Engineering, ICIII 2011*, v 1, p 518-522, 2011, *Proceedings - 2011 4th International Conference on Information Management, Innovation Management and Industrial Engineering, ICIII 2011*

202、 Study on decreasing processing cost of special-shaped end socket

Xu, Li (College of Mechanical and Power Engineering, Harbin University of Science and Technology, No.58, Xuefu Road, Nangang District, Harbin, 150080, China); Yang, Guang **Source:** *Advanced Materials Research*, v 189-193, p 3093-3096, 2011, *Manufacturing Process Technology*

203、 Analysis and simulation of common-mode conducted interference source in separately excited DC motor

Liu, Jinfeng (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150040, China); Wang, Xudong; Gong, Rui **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1145-1148, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

204、 Study on novel plasma arc cutting technology based on PIDNN-FUZZY controller

Jia, Deli (School of Automation, Harbin University of Science and Technology, No. 52, Xuefu Road, Harbin 150080, China); You, Bo **Source:** *International Journal of Innovative Computing, Information and Control*, v 7, n 7 B, p 4171-4182, July 2011

205、 A manually-editing tool of translation templates based on automatic evaluation

Zhang, Chun-Xiang (School of Software, Harbin University of Science and Technology, Harbin 150080, China); Gao, Xue-Yao; Liu, Kun; Lu, Zhi-Mao; Sun, Da-Song; Lv, Hong-Li; Liu, Yong **Source:** *Information Technology Journal*, v 10, n 7, p 1457-1461, 2011

206、 Evaluation of imaging quality of CCD camera by measuring MTFs at different contrasts

Li, Wenjuan (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Chen, Fenglin; Liang, Chuan; Fu, Min; Yang, Maohua **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 664-668, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

207、 Study of monitoring for oil film thickness of elastic metallic plastic pad thrust bearing

Li, Yong-Hai (Harbin University of Science and Technology, Harbin 150080, China); Yu, Xiao-Dong; Chuang, Li; Meng, Xiu-Li **Source:** *Key Engineering Materials*, v 450, p 239-242, 2011, *Advanced Design and Manufacture III, ADM2010*

208、 Application of ant colony algorithm to EMC modeling of PWM driving system

Liu, Jin-Feng (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); Wang, Xu-Dong; Zhou, Mei-Lan **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 9, p 44-50, September 2011 **Language:** Chinese

209、 Clustering analysis and recognition of the EMGs

[Huang, Ling](#) (College of Automation, Harbin University of Science and Technology, Harbin, China); [You, Bo](#); [Zhou, Lina](#) **Source:** *Proceedings of the 2nd International Conference on Intelligent Control and Information Processing, ICICIP 2011*, n PART 1, p 243-246, 2011, *Proceedings of the 2nd International Conference on Intelligent Control and Information Processing, ICICIP 2011*

210、 **Modeling and compensation analysis of ball-end milling cutter wear**

[Sui, Xiulin](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin Heilongjiang 150080, China); [Zhao, Ping](#); [Zhang, Chunhong](#); [Zhang, Ping](#); [Hu, Na](#) **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 6, p 3293-3296, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

211、 **The study of the internal curing technology of filament wound composite based on fiber Bragg grating detection**

[Xu, Jiazhong](#) (School of Automation, Harbin University of Science and Technology, 52 Xuefu Road, Nangang District, Harbin, Heilongjiang, 150080, China); [Nie, Binkui](#); [Qiao, Ming](#) **Source:** *Advanced Materials Research*, v 183-185, p 2263-2267, 2011, *Environmental Biotechnology and Materials Engineering*

212、 **Structural, electronic and elastic properties of TaRu high temperature shape memory alloys**

[Tan, C.L.](#) (School of Applied Science, Harbin University of Science and Technology, Harbin 150080, China); [Jiang, J.X.](#); [An, X.](#); [Ge, H.J.](#); [Zhao, B.](#) **Source:** *Journal of Alloys and Compounds*, v 509, n 28, p 7549-7552, June 2011

213、 **Calculation and analysis of 3D temperature fields of mediumsize high voltage asynchronous motor based on coupled field**

[Wen, Jia-Bin](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Wang, Guo-Hui](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 1, p 73-78, January 2011 **Language:** Chinese

214、 **An expanding algorithm of geometric constraint solving in semantic feature modeling**

[Liu, Xianguo](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Sun, Lijuan](#) **Source:** *Information Technology Journal*, v 10, n 7, p 1447-1451, 2011

215、 **Low temperature mechanical property of AZ91D magnesium alloy fabricated by solid recycling process from recycled scraps**

[Li, Dong-Hua](#) (School of Civil Engineering and Architecture, Harbin University of Science and Technology, Harbin 150080, China); [Hu, Mao-Liang](#); [Wang, Hai-Bo](#); [Zhao, Wang-An](#) **Source:** *Transactions of Nonferrous Metals Society of China (English Edition)*, v 21, n 6, p 1234-1240, June 2011

216、 **FEM simulation for dielectric properties of composite material**

[Huang, Zhi-Peng](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Li, Zhong-Hua](#); [Zheng, Huan](#); [Chen, Xin](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 8, p 13-17, August 2011 **Language:** Chinese

217、 **The implementation of lunar rover's trajectory tracking control of based on trigonometric spline wavelet**

[Wei, Ling](#) (School of Management, Harbin University of Science and Technology, Harbin 150080, China); [Guo, Qi](#) **Source:** *Advanced Materials Research*, v 219-220, p 179-182, 2011, *Advanced Research on Information Science, Automation and Material System*

218、 **Non-fragile H^∞ filtering for a class of sampled-data system with long time-delay**

[Wang, Shi-gang](#) (School of Automation, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang District, Harbin 150080, China); [Wu, Jun-feng](#) **Source:** *ICIC Express Letters, Part B: Applications*, v 2, n 6, p 1447-1452, December 2011

219、 **A higher fidelity modeling of the cutting edge of ball-end milling tool**

[Sui, Xiulin](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Horvath, Imre](#); [Zhang, Jiatai](#); [Zhang, Ping](#) **Source:** *Journal of Advanced Manufacturing Systems*, v 10, n 1, p 101-108, June 2011

220、 **Effects of Zr addition on microstructure and properties of TiC/Ti6Al4V composites**

[Ma, Xuliang](#) (Harbin University of Science and Technology, Harbin 150080, China); [Wang, Xiang](#); [Wang, Mingjia](#); [Wen, Jun](#) **Source:** *Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering*, v 40, n 6, p 978-982, June 2011 **Language:** Chinese

221、 **Designed on full-closed loop control system of gear measuring center**

[Chen, Haiyan](#) (Harbin University of Science and Technology, Harbin, Heilongjiang, China); [Ma, Yue](#) **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 4, p 2015-2018, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

222、 **Research on walking stability of quadruped search-rescue robot**

[Wang, Peng](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Li, Xin](#); [Jiang, Wen Hao](#); [Kang, Shao Chen](#); [Xin, Jing Lei](#) **Source:** *Applied Mechanics and Materials*, v 63-64, p 831-834, 2011, *Advanced Research on Mechanical Engineering, Industry and Manufacturing Engineering*

223、 **The numerical simulation research of internal curing process for fiber winding composite shell**

[Xu, Jiazhong](#) (College of Automation, Harbin University of Science and Technology, Harbin, 150080, China); [Wang, Xinying](#); [Qiao, Ming](#); [Yu, Ying](#) **Source:** *Polymers and Polymer Composites*, v 19, n 4-5, p 319-326, 2011

224、 **Effect of solution treatment on microstructure and mechanical properties of ZL114A alloy**

[Shi, Dequan](#) (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Gao, Guili](#); [Gao, Zhiwei](#); [Wang, Xudong](#) **Source:** *Applied Mechanics and Materials*, v 79, p 117-122, 2011, *Chemical, Mechanical and Materials Engineering*

225、 **The negotiation support system for high-tech virtual enterprise**

[Zhai, Lili](#) (School of Management, Harbin University of Science and Technology, Harbin, 150040, China); [Yang, Zeyi](#); [Sun, Qinying](#) **Source:** *Advanced Materials Research*, v 255-260, p 3027-3031, 2011, *Advances in Civil Engineering*

226、 **Electroluminescence properties of ZnO Nano-particles embedded in polyimide**

Lin, Jiaqi (School of Applied Science, Harbin University of Science and Technology, Harbin, 150080, China); Shi, Junhui; Leng, Jing; Xia, Minghui; Chi, Qingguo **Source:** *Materials Science Forum*, v 694, p 137-141, 2011, *Frontier of Nanoscience and Technology*

227、 **The research on surface electromyography signal effective feature extraction**

Zhao, Hanqing (College of Measure-Control Technology and Communication Engineering, Harbin University of Science and Technology, Harbin, China); Xu, Guoqiang **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1195-1198, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

228、 **Calculation of a complex 3-D model of a turbogenerator with end region regarding electrical losses, cooling, and heating**

Weili, Li (Harbin University of Science and Technology, Harbin 150080, China); Chunwei, Guan; Ping, Zheng **Source:** *IEEE Transactions on Energy Conversion*, v 26, n 4, p 1073-1080, December 2011

229、 **Student organization system based on the knowledge management**

Shen, Zhang (School of Management, Harbin University of Science and Technology, Harbin, China) **Source:** *2011 International Conference on E-Business and E-Government, ICEE2011 - Proceedings*, p 2591-2594, 2011, *2011 International Conference on E-Business and E-Government, ICEE2011 - Proceedings*

230、 **Research and development of multiple-axis motion control board based on DSP**

Rong, Pan-Xiang (School of Automation, Harbin Institute of Technology, Harbin 150001, China); Zhang, Ya-Hui; Zhang, Huan-Huan; Sun, Jian-Peng **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 3, p 35-39, March 2011 **Language:** Chinese

231、 **EASI algorithm based load profile estimation for microgrid**

Wei, Qi (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, 150080, China); Liang, Xintao; Liu, Changyuan; Shao, Duo; Nie, Tingzhi **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 487-490, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

232、 **Study of electro-hydraulic force control system controlled by flow press servo-valve and nonlinear performance analysis**

Shao, Junpeng (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province 150080, China); Li, Jianying; Wang, Zhongwen; Han, Guihua **Source:** *Advanced Materials Research*, v 154-155, p 137-142, 2011, *Materials Processing Technologies*

233、 **The design of single loop adjuster based on the wireless network**

Shang, Qinghua (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Yin, Zhanyong; Li, Jinjia; Ding, Chenggong **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 953-956, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

234、 **Application protocols identification using Non-parametric Estimation method**

Sun, Guang-Lu (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, 150080, China); Lang, Fei; Yang, Mingming; Hua, Jing **Source:** *Proceedings of*

the 6th International Forum on Strategic Technology, IFOST 2011, v 2, p 765-768, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

235、 **Hybrid Convergence Pattern and operation mechanism for intelligent negotiation support system based on High-Tech Network Organization**

Zi-dan, Shan (School of management, Harbin University of Science and Technology, Harbin 150040, China) **Source:** *Journal of Convergence Information Technology*, v 6, n 3, p 244-256, March 2011

236、 **Fabrication and thermal shock resistance of HfB₂-SiC composite with B₄C additives**

Weng, L. (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150080, China); Han, W.; Hong, C. **Source:** *Materials Science- Poland*, v 29, n 4, p 248-252, December 2011

237、 **Study on soft-sensing of mill material level based on data fusion in neural network**

Ai, Hong (School of Automation, Harbin University of Science and Technology, Harbin, China); Yang, Yi; Wang, Jian **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 949-952, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

238、 **Autonomous mobile robot for small advertisements cleaning**

Li, Dongjie (Harbin University of Science and Technology, Harbin 150080, China); Xiao, Wanzhe; Wang, Jiabin **Source:** *Advanced Materials Research*, v 183-185, p 1757-1761, 2011, *Environmental Biotechnology and Materials Engineering*

239、 **Design of signal conditioning circuits for impedance detection of milk bacteria**

Zhou, Zhen (Harbin University of Science and Technology, Harbin 150080, Hei longjiang, China); Wang, Jie; Qin, Yong **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 818-821, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

240、 **Field current tracing control of a BSG based on sliding mode current observer**

Yu, Teng-Wei (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); Wang, Xu-Dong **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 12, p 62-66, December 2011 **Language:** Chinese

241、 **Sliding mode based MTPA control system of IPMSM for hybrid electrical vehicles**

Wang, Xudong (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150040, China); Jin, Ningzhi; Gao, Hanying; Cui, Hesong **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 295-299, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

242、 **Gas blow forming of AZ31 magnesium alloy sheet in a heart-shaped closed die**

Yu, Yandong (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, 150040, China); Jiang, Peng; Li, Caixia; Chen, Changping **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 186-189, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

243、 **Design of turning insert with three-dimensional complex groove using cellular automata**

Feng, X.M. (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); Tan, G.Y. **Source:** *Key Engineering Materials*, v 458, p 23-28, December 30, 2011

244、 **Brittleness analysis of Microgrid**

Jia, Delin (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, 150080, China); Wei, Qi; Song, Lixin; Huo, Guang **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 473-475, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

245、 **Research on algorithm of geometric constraint solving in declaring family of object modeling**

Liu, Xianguo (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); Sun, Lijuan **Source:** *Advanced Materials Research*, v 314-316, p 1507-1513, 2011, *Advanced Manufacturing Technology*

246、 **Analysis and design for the financial system in ERP simulation instruction based on SOA**

Chang-Yuan, Gao (School of Management, Harbin University of Science and Technology, Harbin 150080, China); Zhi, Chen; Cai-Xia, Yang; Shi-Hai, Tian **Source:** *Lecture Notes in Electrical Engineering*, v 132 LNEE, n VOL. 1, p 43-50, 2011, *Informatics in Control, Automation and Robotics*

247、 **Process research of amorphous SiO₂ for optical fiber preform by sol-gel**

Tang, Hui (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin, 150040, China); Zhao, Yuan; Zhang, Jinzhong; Yu, Sha; Ligu, Jin **Source:** *Advanced Materials Research*, v 306-307, p 368-371, 2011, *Emerging Focus on Advanced Materials*

248、 **Wavefront aberration correction using circulation feedback control based on image boundary definition**

Zhang, Hong-Xin (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin Heilongjiang, China); Zhang, Jian; Wu, Li-Ying; Wang, Dong **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 3, p 1595-1598, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

249、 **Machine-driven integrated scheduling algorithm with rollback-preemptive**

Xie, Zhi-Qiang (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); Xin, Yu; Yang, Jing **Source:** *Zidonghua Xuebao/Acta Automatica Sinica*, v 37, n 11, p 1332-1343, November 2011 **Language:** Chinese

250、 **TRIZ and its application in industrial design**

Zhang, Jian Yi (School of Mechanical and Power Engineering, Harbin University of Science and Technology, NO.52, Xue Fu Road, Nan Gang District, Harbin, 150080, China); Cao, Jun Qiang **Source:** *Advanced Materials Research*, v 194-196, p 1892-1895, 2011, *Advanced Engineering Materials*

251、 **Measurement of vibration source based on magnetic levitation**

Jiang, Dong (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, 150080, China); Yang, Jiaxiang; Zhang, Jing **Source:** *Zhendong Ceshi Yu Zhenduan/Journal of Vibration, Measurement and Diagnosis*, v 31, n 4, p 415-419, August 2011 **Language:** Chinese

252、 **The grey relational analysis of manufacturing industry innovation and local administration**

Ke-Xin, Bi (School of Management, Harbin University of Science and Technology, 150080, China); Zhi-Wen, Zheng; Shu-Fang, Yang **Source:** *International Conference on Management Science and Engineering - Annual Conference Proceedings*, p 595-602, 2011, *2011 International Conference on Management Science and Engineering, ICMSE 2011 - 18th Annual Conference Proceedings*

253、 **Text feature extraction of natural scenes using Gabor wavelet transformation based on scale overlapping**

Yin, Fang (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); Chen, Deyun; Wu, Rui **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1062-1064, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

254、 **Correlations between coating components and mechanical properties of weld deposited metal**

Meng, Gong Ge (School of Material Science and Engineering, Harbin University of Science and Technology, Linyuan road, Harbin, 150040, China); Chu, Ji Jun; Luan, Jing Yue; Chen, Yong Sheng **Source:** *Advanced Materials Research*, v 239-242, p 1353-1358, 2011, *Advanced Materials*

255、 **Research on the control strategy of wind turbine with a doubly-fed generator and its simulation**

Jiang, Yanshu (School of Automation, Harbin University of Science and Technology, Harbin, China); Zhang, Qian **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 624-627, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

256、 **Research on fuzzy energy management strategy of parallel hybrid electric vehicle**

Zhou, Meilan (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Zhang, Hao; Wang, Xudong **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 2, p 967-971, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

257、 **Design, development and testing of quartz tuning fork temperature sensor**

Ma, Jing (College of Automation, Harbin University of Science and Technology, Harbin, China); Xu, Jun; You, Bo **Source:** *Key Engineering Materials*, v 483, p 143-147, 2011, *MEMS/NEMS Nano Technology*

258、 **Research on enhancement mechanism and tactics of R&D personnel competence in enterprises**

Wu, Jian-Long (School of Management, Harbin University of Science and Technology, Harbin 150080, China); Wang, Hong-Qi **Source:** *2011 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2011 - Proceedings*, 2011, *2011 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2011 - Proceedings*

259、 **Design and implementation of CAN-bus experimental system**

Jiang, Yunxia (School of Automation, Harbin University of Science and Technology, Heilongjiang Province, China); Liang, Bingru; Ren, Xianghua **Source:** *Proceedings of the 6th International Forum on*

Strategic Technology, IFOST 2011, v 2, p 655-659, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

260、 **Research on the simulation algorithm of simulation trainer control system model**

Meng, Qingsong (Harbin University of Science and Technology, Harbin, China); Yang, Guodong; Liu, Meiqi; Liu, Hui; Zuo, Yang; Wang, Na; Liang, Guotao **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1153-1156, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

261、 **Design and simulation of ground test platform for microsatellite docking mechanism**

Lai, Y.N. (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); Zhao, M.J.; Dai, Y.; Lai, M.Z.; Lai, X. **Source:** *Advanced Materials Research*, v 188, p 671-674, 2011, *High Speed Machining*

262、 **An improved algorithm for calculating the compressibility factor of natural gases**

Huang, Jinjie (School of Automation, Harbin University of Science and Technology, Harbin, China); Huang, Ningning; Yang, Chunli **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 876-880, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

263、 **Brittleness entropy of complex system based protection of microgrid**

Huo, Guang (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, 150080, China); Wei, Qi; Rong, Panxiang; Jia, Delin **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 433-436, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

264、 **Design of convexity in rubber coating covered on driving drum in view of the ceramic tile buffing machine**

Shao, Junpeng (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin Heilongjiang 150080, China); Liu, Jia; Wang, Yunfei **Source:** *Applied Mechanics and Materials*, v 71-78, p 1582-1585, 2011, *Frontiers of Green Building, Materials and Civil Engineering*

265、 **Adaptive Input-Output Feedback Linearization control for IPMSM using Maximum Torque per Ampere strategy**

Na, Risha (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Wang, Xudong; Cao, Yu; Mao, Liangliang **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 684-689, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

266、 **Analysis and calculation of electromagnetic force under two-phase short-circuit fault of high voltage asynchronous motor**

Liang, Yan-Ping (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Yao, Qing-Shuang; Liu, Jin-Peng **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 464-468, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

267、 **Multiple-electrodes excitation method for electrical capacitance tomography system**

- Li, Lan-Ying (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); Gao, Ming; Chen, De-Yun **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 9, p 99-104, September 2011 **Language:** Chinese
- 268、 **A study of chattering suppression in sliding mode-based missile guidance law**
Yuan, Liying (School of Automation, Harbin University of Science and Technology, Harbin, China); Wu, Junfeng; Yu, Lianyong; Cui, Jiashan; Sun, Lili **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 924-926, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*
- 269、 **Thermal conductivity of carbon nanotubes and their polymer nanocomposites: A review**
Han, Zhidong (School of Materials Science and Engineering, Harbin University of Science and Technology, Linyuan Road 4 Dongli District, 150040 Harbin, China); Fina, Alberto **Source:** *Progress in Polymer Science (Oxford)*, v 36, n 7, p 914-944, July 2011
- 270、 **A novel approach to analyze over-voltages due to PWM switching patterns in long cable PWM drive**
Liu, Yuejun (School of Automation, Harbin University of Science and Technology, Harbin, China); Jiang, Yanshu; Qi, Lulu; Zhang, Rui **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 553-558, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*
- 271、 **Enhancement of load-carrying capacity of undermatching butt joints by weld shape design**
Zhao, Zhi Li (School of Materials Science and Engineering, Harbin University of Science and Technology, No.52, Xue Fu Road, Nan Gang District, Harbin, 150040, China); Wang, Tao; Fang, Hong Yuan; Yang, Jian Guo **Source:** *Advanced Materials Research*, v 189-193, p 3279-3283, 2011, *Manufacturing Process Technology*
- 272、 **Research on the adaptive fuzzy sliding mode control method of inverted pendulum system**
Wu, Junfeng (College of Automation, Harbin University of Science and Technology, Harbin, China); Jin, Zhenyi **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1261-1265, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*
- 273、 **The study of the fixation for femoral neck fracture based on finite element method**
Wang, Monan (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); Guo, Hongshu; Meng, Zhang **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 4, p 2172-2174, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*
- 274、 **Arc characteristics and welding pool morphology of Nd:YAG laser + CMT arc hybrid welding**
Liu, Xiyang (Harbin University of Science and Technology, Harbin 150040, China); Sun, Fenglian; Wang, Xuyou; Wang, Wei **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 32, n 3, p 81-84, March 2011 **Language:** Chinese
- 275、 **Fault current detection based on neural network in hybrid circuit breaker**
Zhao, Yang (School of Automation, Harbin University of Science and Technology, Harbin, Heilongjiang Province, 150080, China); Feng, Yue; Wen, Qi Yong **Source:** *Advanced Materials Research*, v 204-210, p 887-890, 2011, *Advanced Research on Industry, Information System and Material Engineering*

276、 **Six-dimensional chaotic system and its circuit implementation**

[Zhu, Jianliang](#) (Harbin University of Science and Technology, Harbin, China); [Wang, Yujing](#); [Kang, Shouqiang](#) **Source:** *Advanced Materials Research*, v 255-260, p 2018-2022, 2011, *Advances in Civil Engineering*

277、 **Research on reliability and maintainability of mechanical equipment**

[Si, Junshan](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang 150080, China); [Shi, Xianjiang](#); [Yu, Xiaodong](#); [Li, Chong](#); [Shi, Hong](#) **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 3, p 1571-1573, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

278、 **Finite element analysis and optimization of electric field structure of new-type electrospinning machine**

[Duan, Hongwei](#) (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Jiang, Jingang](#) **Source:** *Advanced Materials Research*, v 279, p 214-218, 2011, *Mechanics, Solid State and Engineering Materials*

279、 **Design and dynamic analysis for a new type reciprocating grinding head of a polishing machine**

[Shao, Jun-Peng](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Xu, Bin](#) **Source:** *Zhendong yu Chongji/Journal of Vibration and Shock*, v 30, n 7, p 31-34+70, July 2011 **Language:** Chinese

280、 **Greetings from general chairman**

[Li, Dayong](#) (Harbin University of Science and Technology, China) **Source:** *2011 International Conference on Management Science and Industrial Engineering, MSIE 2011*, 2011, *2011 International Conference on Management Science and Industrial Engineering, MSIE 2011*

281、 **There-dimensional temperature estimation of squirrel-cage induction motor using finite element method**

[Xie, Ying](#) (College of Electrical and Electronic Engineering, Huazhong University of Science and Technology, Wuhan, China); [Gu, Chenglin](#); [Wang, Lingchao](#) **Source:** *2011 International Conference on Electrical Machines and Systems, ICEMS 2011*, 2011, *2011 International Conference on Electrical Machines and Systems, ICEMS 2011*

282、 **Research on regenerative braking control strategy of hybrid electric vehicle**

[Zhou, Meilan](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Gao, Zhaoming](#); [Zhang, Hao](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 300-303, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

283、 **The application of M-ary quantum evolutionary algorithm in bit and power allocation for OFDM system over the power line**

[Zhang, Tao](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, 150080, China); [Zhang, Rui](#); [Liu, Yue Jun](#); [Yang,](#)

Cheng Source: *Advanced Materials Research*, v 219-220, p 1085-1088, 2011, *Advanced Research on Information Science, Automation and Material System*

284、 **Influence of rotor magnetic circuit structure on excitation current and magnetic field distribution of turbogenerator**

Liang, Yan-Ping (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); **Chen, Jian-Qing; Huang, Hao** Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 4, p 13-17, April 2011 **Language:** Chinese

285、 **Simulation research of inverted plasma cutting power supply based on fuzzy control**

Jia, Deli (Harbin University of Science and Technology, Harbin 150080, China); **Wang, Ruijia; Wang, Chunsheng** Source: *Advanced Materials Research*, v 179-180, p 1229-1234, 2011, *Materials Science and Engineering*

286、 **Measurement for shear viscosity spectrum of polymer melts by using screw extruder capillary**

Cui, Si-Hai (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); **Zhao, Hong; Wang, Xuan** Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 6, p 73-77, June 2011 **Language:** Chinese

287、 **A distortion correction approach on natural scene text image**

Yin, Fang (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); **Chen, Deyun; Wu, Rui** Source: *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1058-1061, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

288、 **Integrated scheduling algorithm based on delivery dates urgency degree**

Xie, Zhiqiang (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); **Chang, Ningning; Yang, Jing** Source: *Jixie Gongcheng Xuebao/Journal of Mechanical Engineering*, v 47, n 22, p 181-190, November 20, 2011 **Language:** Chinese

289、 **An intelligent control strategy for plasma arc cutting technology**

Deli, Jia (Harbin University of Science and Technology, Harbin 150080, China); **Bo, You** Source: *Journal of Manufacturing Processes*, v 13, n 1, p 1-7, January 2011

290、 **Sliding mode control with fuzzy tuning to pneumatic driving 6-DOF parallel robot**

Bo, Wu (Harbin University of Science and Technology, Harbin 150001, China); **Li, Xu; Yu, Xiao-Dong; Wang, Zhi-Wei; He, Xu** Source: *Key Engineering Materials*, v 450, p 548-551, 2011, *Advanced Design and Manufacture III, ADM2010*

291、 **Evaluation method on R&D alliance patent risk based on cloud model**

Wang, Shanshan (School of Management, Harbin University of Science and Technology, Harbin, 150040, China); **Wang, Hongqi** Source: *2011 International Conference on Management Science and Industrial Engineering, MSIE 2011*, p 1251-1255, 2011, *2011 International Conference on Management Science and Industrial Engineering, MSIE 2011*

292、 **Intelligent prediction of process parameters for cold bending**

Ren, Shengle (Harbin University of Science and Technology, P.B. 87, Harbin 150001, China); Lai, Yinan; Wu, Guangfei; Gu, Juntao; Li, Zenglou **Source:** *Advanced Materials Research*, v 154-155, p 74-78, 2011, *Materials Processing Technologies*

293、 **Simplorer simulation and comparison of three detection methods for reactive current in STATCOM**

Yu, Yong (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Li, Wenjuan; Liu, Yang; Tong, Ziquan; Wang, Yuzhi **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1157-1161, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

294、 **Master-slave coordinated motion controlling of double-sided arc welding robots**

Zhang, Huajun (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Zhang, Guangjun; Cai, Chunbo; Xiao, Jun; Gao, Hongming **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 32, n 1, p 25-28, January 2011 **Language:** Chinese

295、 **An optical current transformer based on DFB laser demodulation**

Liu, Jie (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); Zhao, Hong; Wang, Peng; Jiang, Liang; Huang, Chao **Source:** *Guangdianzi Jiguang/Journal of Optoelectronics Laser*, v 22, n 12, p 1789-1792, December 2011 **Language:** Chinese

296、 **Formal description of IPSec security policy in VPN networks**

Luo, Zhiyong (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); Duo, Zhihua; Qiao, Peili **Source:** *Huazhong Keji Daxue Xuebao (Ziran Kexue Ban)/Journal of Huazhong University of Science and Technology (Natural Science Edition)*, v 39, n 4, p 65-68, April 2011 **Language:** Chinese

297、 **Design and implementation of smart pressure and temperature sensor**

Ma, Jing (School of Automation, Harbin University of Science and Technology, Harbin, China); Jing, Zhiguo; Xiang, Nan; Cai, Tao **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 344-347, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

298、 **Identification of fatigue cracks in aluminum alloy plates based on nonlinear ultrasonic modulation spectrum**

Gao, Gui-Li (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Li, Da-Yong; Shi, De-Quan; Dong, Jing-Wei **Source:** *Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals*, v 21, n 4, p 727-732, April 2011 **Language:** Chinese

299、 **Finite element analysis of the influence of cutting edge radius on mechanical-thermal distribution in high-speed cutting TiAl6V4**

Fan, Yihang (Harbin University of Science and Technology, Harbin 150080, China); Zheng, Minli; Yang, Shucai; Zhang, Wei; Zhang, Deqiang **Source:** *Key Engineering Materials*, v 458

300、 **Research on hybrid circuit breaker based on IGCT & current detection of neural network**

Zhao, Yang (School of Automation, Harbin University of Science and Technology, Harbin, Heilongjiang, China); Feng, Yue **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST*

2011, v 2, p 1018-1022, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

301、 **Reformation in coping with cost disruption under multi-supply chain competition**

Zhang, Chao (School of Management, Harbin University of Science and Technology, Harbin 150080, China); Teng, Chun-Xian; Chen, Zhao-Bo **Source:** *Xitong Gongcheng Lilun yu Shijian/System Engineering Theory and Practice*, v 31, n 3, p 404-410, March 2011 **Language:** Chinese

302、 **Realization of digital image watermarking encryption algorithm using Fractional Fourier Transform**

Bo, Wu (School of Automation, Harbin University of Science and Technology, Harbin, China); Cui, Xiaoming; Zhang, Chao **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 822-825, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

303、 **Study on microstructure and mechanical properties of AZ91D magnesium alloy fabricated by hot extrusion from die-casting scraps**

Hu, Mao-Liang (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Ji, Ze-Sheng; Chen, Xiao-Yu; Wang, Qu-Dong **Source:** *Cailiao Gongcheng/Journal of Materials Engineering*, n 2, p 52-55+59, February 2011 **Language:** Chinese

304、 **Analysis on solid rotor 3-D temperature field in high voltage PMSM**

Li, Weili (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); Chen, Tingting; Qu, Fengbo; Li, Zhipeng **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 31, n 18, p 55-60, June 25, 2011 **Language:** Chinese

305、 **The design of forest fire monitoring system based on wireless sensor network**

Yang, Guangxue (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Liu, Zheng **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1211-1214, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

306、 **Design of fuzzy logic controller for two-wheeled self-balancing robot**

Wu, Junfeng (College of Automation, Harbin University of Science and Technology, Harbin, China); Zhang, Wanying **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1266-1270, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

307、 **Research on method of ontology configuration oriented to individual demand products**

Sui, Xiulin (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin City, Heilongjiang Province, China); Ge, Jianghua; Qi, Jingrui; Wang, Yaping; Sun, He **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 6, p 3297-3300, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

308、 **Measuring and method of informatization level for manufacturing enterprise**

Bi, Kexin (School of Management, Harbin University of Science and Technology, CO 150080, China); Gao, Wei **Source:** *2011 International Conference on Information Science and Technology*,

ICIST 2011, p 520-527, 2011, *2011 International Conference on Information Science and Technology, ICIST 2011*

309、 **The research of defect detection test system based on magnetic flux leakage**

Gao, Junshan (School of Automation, Harbin University of Science and Technology, Harbin, China); Du, Guihong; Wei, Hongling **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1225-1229, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

310、 **Monitoring image-based obstacle information extraction for telerobot system**

Li, Dongjie (College of Automation, Harbin University of Science and Technology, Harbin, China); Xiao, Wanzhe; Wang, Jinyu **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 749-753, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

311、 **A practical design of multi-channel MAC for cluster-tree WSN**

Zhang, Hong (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); Li, Shuyu **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 761-764, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

312、 **Improvement of direct torque control by using double-fuzzy logic technique**

Fu, Min (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, 150080, China); Wang, Ji; Ge, Cang; Xue, Yuxin **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 957-962, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

313、 **An edge detection approach of image fusion based on improved Sobel operator**

Deng, Caixia (School of Applied Science, Harbin University of Science and Technology, Harbin 150080, China); Ma, Weifeng; Yin, Yin **Source:** *Proceedings - 4th International Congress on Image and Signal Processing, CISP 2011*, v 3, p 1189-1193, 2011, *Proceedings - 4th International Congress on Image and Signal Processing, CISP 2011*

314、 **Research of six-pole permanent magnet submersible motor design**

Wen, Jiabin (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Pan, Yabin **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 545-548, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

315、 **The 500kV MCSR modeling and steady-state characteristics analysis**

Yan-Ping, Liang (Harbin University of Science and Technology, China); Yue, Zhang; Hai-Ting, Zhang; Zhen, An **Source:** *2011 International Conference on Electrical Machines and Systems, ICEMS 2011*, 2011, *2011 International Conference on Electrical Machines and Systems, ICEMS 2011*

316、 **Effect of content on dielectric performance of Barium titanate/polyimide films**

Chen, Minghua (School of Applied Science, Harbin University of Science and Technology, Harbin, China); Yin, Jinghua; Feng, Yu; Liu, Xiaoxu; Li, Guang **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 4, p

2033-2036, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

317、 **Improving low-Ag Pb-free solder performance by adding Bi, Ni elements**

[Sun, Feng Lian](#) (School of Material Science and Engineering, Harbin University of Science and Technology, No.4, Linyuan Road, Xiangfang District, Harbin, 150030, China); [Liu, Yang](#); [Wang, Jia Bing](#); [Zhang, Hong Wu](#) **Source:** *Advanced Materials Research*, v 189-193, p 3498-3502, 2011, *Manufacturing Process Technology*

318、 **Research on the failure property of VDMOS device by thermal cycles**

[Yin, Jinghua](#) (School of Applied Science, Harbin University of Science and Technology, Harbin, China); [Hua, Qing](#); [He, Yanqiang](#); [Cao, Yijiang](#); [Chen, Minghua](#); [Liu, Ting](#); [Liu, Xiaowei](#) **Source:** *2011 12th Int. Conf. on Thermal, Mechanical and Multi-Physics Simulation and Experiments in Microelectronics and Microsystems, EuroSimE 2011*, 2011, *2011 12th Int. Conf. on Thermal, Mechanical and Multi-Physics Simulation and Experiments in Microelectronics and Microsystems, EuroSimE 2011*

319、 **Research on the high-efficiency and energy-saving cutting of the aero engine fan blades**

[Xu, Li](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [He, Genghuang](#); [Cai, Zhaohui](#); [Jia, Dongkai](#); [Wang, Zhenbo](#) **Source:** *Advanced Materials Research*, v 154-155, p 273-277, 2011, *Materials Processing Technologies*

320、 **Thermal process temperature decoupling controller based on improved BP algorithm**

[Wang, Weibing](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Xudong](#); [Liu, Dongju](#) **Source:** *Journal of Information and Computational Science*, v 8, n 16, p 4069-4077, December 2011

321、 **Observer-based non-fragile H^∞ control for a class of uncertain time-delay sampled-data systems**

[Wang, Shi-Gang](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Wu, Jun-Feng](#) **Source:** *Xi Tong Gong Cheng Yu Dian Zi Ji Shu/Systems Engineering and Electronics*, v 33, n 6, p 1352-1357, June 2011 **Language:** Chinese

322、 **Study of segmentation method based on infrared images and visible-light images**

[Liu, Changzheng](#) (Higher Educational Key Laboratory for Measuring and Control Technology, Instrumentations of Heilongjiang Province, Harbin University of Science and Technology, Harbin, China); [Ye, Guiyun](#); [Wang, Hui](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1049-1052, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

323、 **Modeling of vehicle braking system based on kinetic energy conversion and self-optimizing control for ABS**

[Li, Wen-Juan](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Xu-Dong](#); [Chen, Feng-Lin](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 2, p 94-99, February 2011 **Language:** Chinese

324、 **Design and implementation of bldcm driver based on socp**

[Da-wei, Meng](#) (Harbin University of Science and Technology, Heilongjiang Province, China); [Yu-feng, Lu](#); [Yong-ming, Lu](#); [Xi-feng, Wang](#) **Source:** *Key Engineering Materials*, v 486, p 29-32, July 27, 2011, *Advanced Design and Manufacture IV*

325、 **Research on thermal deformation field of heavy hydrostatic thrust bearing rotation-workbench at different auxiliary-hole position**

Shao, Junpeng (Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); Yang, Xiaodong; Wang, Yunfei; Xu, Xiaoqiu; Zhang, Yanqin; Yu, Xiaodong **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 2, p 912-915, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

326、 **Study on emergent social security event management in social transition period in China**

Gao, Shang (School of Management, Harbin University of Science and Technology, 150080, China); Yang, Zao-Li; Wang, Zheng-Pei **Source:** *Proceedings of International Conference on Information Systems for Crisis Response and Management, ISCRAM 2011*, p 253-260, 2011

327、 **High-power LED constant-current driver circuit design and efficiency analysis**

Wang, Hongmin (Harbin University of Science and Technology, Harbin, China); Liu, Zhili; Dong, Jing **Source:** *Proceedings of 2011 Cross Strait Quad-Regional Radio Science and Wireless Technology Conference, CSQRWC 2011*, v 1, p 705-710, 2011, *Proceedings of 2011 Cross Strait Quad-Regional Radio Science and Wireless Technology Conference, CSQRWC 2011*

328、 **Research on comprehensive quality evaluation system for computer supported cooperative design of mould**

Wang, Y.Z. (Harbin University of Science and Technology, 52 xuefu road nangang district, Harbin, Heilongjiang province, China); Zheng, M.L.; Man, Z.Q.; Li, W. **Source:** *Advanced Materials Research*, v 188, p 667-670, 2011, *High Speed Machining*

329、 **Calculation and analysis of temperature field in superconducting synchronous motor**

Li, Wei-Li (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); Yi, Ran; Li, Li-Yi **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 10, p 14-20, October 2011 **Language:** Chinese

330、 **Effect of structure size of sub-slot and it's air outlet on three-dimensional temperature field for turbo-generator rotor**

Lu, Yiping (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); Zheng, Guoli; Han, Jiade; Wang, Zuomin **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 31, n 26, p 90-96, September 15, 2011 **Language:** Chinese

331、 **Fault diagnosis of automobile based on CAN bus**

Zhou, Meilan (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150040, China); Ao, Xue; Wang, Jian **Source:** *Communications in Computer and Information Science*, v 86 CCIS, p 317-323, 2011, *Information and Automation - International Symposium, ISIA 2010, Revised Selected Papers*

332、 **Neighborhood shape-space and detection algorithm**

Zhang, Feng-Bin (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); Xi, Liang; Wang, Da-Wei; Yue, Xin **Source:** *Kongzhi yu Juece/Control and Decision*, v 26, n 10, p 1562-1566, October 2011 **Language:** Chinese

333、 **Analysis of parametric vibration of cylindrical shells considering material viscous damping**

[Wang, Zhiwei](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); [Bosiakov, S.M.](#) **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 7, p 3692-3695, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

334、 **Detection of inter-harmonic in power system based on Meyer wavelet and FFT**

[Fang, Guo-Zhi](#) (Harbin University of Science and Technology, Harbin 150080, China); [Yang, Cai-Shan](#); [Yang, Chao](#) **Source:** *Dianli Xitong Baohu yu Kongzhi/Power System Protection and Control*, v 39, n 12, p 90-93+101, June 16, 2011 **Language:** Chinese

335、 **IP start-up control for 300MW turbine unit with bypass system**

[Wang, Weibing](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin, 150080, China); [Wang, Xudong](#); [Liu, Dongju](#) **Source:** *Procedia Engineering*, v 16, p 493-498, 2011, *International Workshop on Automobile, Power and Energy Engineering, APEE 2011*

336、 **Research on control method of two-wheeled self-balancing robot**

[Junfeng, Wu](#) (Harbin University of Science and Technology, Harbin, Heilongjiang, 150080, China); [Wanying, Zhang](#) **Source:** *Proceedings - 4th International Conference on Intelligent Computation Technology and Automation, ICICTA 2011*, v 1, p 476-479, 2011, *Proceedings - 4th International Conference on Intelligent Computation Technology and Automation, ICICTA 2011*

337、 **Comparison of two repetitive control strategies of UPS inverter on saber**

[Li, Min](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Li, Wenjuan](#); [Liu, Cheng](#); [Wei, Jingwei](#); [Chen, Tao](#) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 575-579, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

338、 **Breakdown characteristics of oil-pressboard insulation in converter transformer under composite electric field and its test method**

[Wang, Yong-Hong](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Wei, Xin-Lao](#); [Chen, Qing-Guo](#) **Source:** *Gaodiyana Jishu/High Voltage Engineering*, v 37, n 9, p 2205-2210, September 2011 **Language:** Chinese

339、 **Research on multi-objective automatic tracking algorithm for vision-guide robot**

[Zhang, Yuan](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Peng](#); [Xin, Jinglei](#); [Kang, Shaochen](#); [Jiang, Wenhao](#); [Li, Xin](#) **Source:** *Journal of Computational Information Systems*, v 7, n 7, p 2395-2402, July 2011

340、 **Research on key technology of Savant middleware in the Internet of Things**

[Yin, Laiwu](#) (Harbin University of Science and Technology, Harbin, China); [Chen, Deyun](#); [Fu, Xin](#); [Wang, Donglai](#) **Source:** *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*, p 350-354, 2011, *Proceedings 2011 International Conference on Mechatronic Science, Electric Engineering and Computer, MEC 2011*

341 、 **Discussion about problems and corresponding countermeasures in enterprise informatization construction**

[Zhou, Yanshan](#) (School of Management, Harbin University of Science and Technology, Harbin, China); [Liu, Xiaolei](#); [Li, Mengmeng](#) **Source:** *Proceedings of the 2011 International Conference on*

Business Computing and Global Informatization, BCGIn 2011, p 243-246, 2011, *Proceedings of the 2011 International Conference on Business Computing and Global Informatization, BCGIn 2011*

342、 **Research of intelligent control based on Support Vector Machines for power plant boiler**

Xu, Donghao (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); Rong, Panxiang **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1009-1012, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

343、 **Research on dynamic characteristics of high-speed machining aluminum alloy blades**

Liu, Y.B. (Harbin University of Science and Technology, Harbin, 150080, China); Zhang, Y.D.; Zhao, C. **Source:** *Advanced Materials Research*, v 188, p 268-271, 2011, *High Speed Machining*

344、 **A novel virtual sample generation method based on Gaussian distribution**

Yang, Jing (College of Computer Science and Technology, Harbin Engineering University, Harbin, China); Yu, Xu; Xie, Zhi-Qiang; Zhang, Jian-Pei **Source:** *Knowledge-Based Systems*, v 24, n 6, p 740-748, August 2011

345、 **Prediction model of grind machining of engineering ceramics based on BP neural network**

Wang, Yanfu (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang, China); Wang, Chunfeng; Wang, Zhenbo; Xu, Li **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 7, p 3567-3570, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

346、 **The Chinese-English bilingual sentence alignment based on length**

Ding, Huaifu (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); Quan, Lili; Qi, Haoliang **Source:** *Proceedings - 2011 International Conference on Asian Language Processing, IALP 2011*, p 201-204, 2011, *Proceedings - 2011 International Conference on Asian Language Processing, IALP 2011*

347、 **Study on preparation of SiO₂ optical fiber preform by SG method**

Tang, Hui (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Zhang, Ji-Peng; Gu, Feng; Wang, Feng-Chun; Wang, Ji-Hua **Source:** *Advanced Materials Research*, v 299-300, p 489-492, 2011, *Materials and Manufacturing*

348、 **Formation mechanism and experiment of transverse crack for large thick plate of high-strength steel**

Zhang, Huajun (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Lu, Hanzhong; Shen, Daming; Cai, Chunbo **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 32, n 4, p 75-78, April 2011 **Language:** Chinese

349、 **The analysis of measurement methods for high power LED thermal resistance**

Wang, Hongmin (Harbin University of Science and Technology, Harbin, China); Dong, Jing; Liu, Zhili; Liang, Bingru **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 867-870, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

350、 **Ground subsidence investigated in Changzhou, China based on SBAS approach**

Liu, Wei (Harbin University of Science and Technology, 150080, Harbin, China); Liu, Bin; Zhang, Jingfa; Hou, Anye; Luo, Yi; Li, Yongsheng **Source:** *2011 3rd International Asia-Pacific Conference on Synthetic Aperture Radar, APSAR 2011*, p 682-683, 2011, *2011 3rd International Asia-Pacific Conference on Synthetic Aperture Radar, APSAR 2011*

351、 **The detection of voltage flicker based on complex wavelets**

Zhang, Rui (School of Automation, Harbin University of Science and Technology, Harbin, Heilongjiang Province, 150080, China); Liu, Gu-Quan; Zhang, Li-Yong; Zhang, Xu-Hui **Source:** *Applied Mechanics and Materials*, v 48-49, p 1231-1234, 2011, *Measuring Technology and Mechatronics Automation*

352、 **Design of sine-wave control system of BLDCM regarding a new permanent-magnet material**

Meng, DaWei (Harbin University of Science and Technology, Heilongjiang Province, China); Lu, YuFeng; Xu, YongMing; Wang, XiFeng **Source:** *Advanced Materials Research*, v 321, p 37-40, 2011, *Advanced Research on Intelligent Materials and Mechanical Engineering*

353、 **Depth and silhouette based skeletal joints tracking**

Changzheng, Liu (College of Computer Science and Technology, Harbin University of Science and Technology, China); Zhiguang, Liu; Zhiheng, Hu; Guiyun, Ye **Source:** *International Journal of Advancements in Computing Technology*, v 3, n 11, p 72-79, December 2011

354、 **A general method of function projective synchronization with parameter perturbation**

Du, Hongyue (School of Automation, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang District, Harbin 150080, China); Li, Feng; Gong, Libin **Source:** *ICIC Express Letters*, v 5, n 7, p 2347-2352, July 2011

355、 **A research on the fuzzy control of energy management for an ISG hybrid electric vehicle**

Wu, Xiaogang (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); Wang, Xudong; Mao, Liang **Source:** *Qiche Gongcheng/Automotive Engineering*, v 33, n 7, p 558-562+568, July 2011 **Language:** Chinese

356、 **The design of cable-climbing robot**

Hao, Guangping (Harbin University of Science and Technology, China); Meng, Fanzhu; Li, Hongzhe; Wang, Zhihong; Zhong, Zhaonan **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 4, p 2208-2211, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

357、 **Numerical simulation of rheological properties inside large doubly-fed wind generator**

Ding, Shu-Ye (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); Sun, Zhao-Qiong; Jiang, Nan; Deng, Lei; Xie, Ying **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 4, p 28-34, April 2011 **Language:** Chinese

358、 **Rubber paint feeling characteristic analysis and its application in product design**

Zhang, Jian-Yi (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); Du, Qiang; Zhang, Li; Wu, Bo **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 2, p 1103-1106, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

359、 **Heart rate variability signal analysis based on HHT**

Zhang, Kaiyu (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Song, Lixin; Wang, Yujing **Source:** *2011 International Conference on Electrical and Control Engineering, ICECE 2011 - Proceedings*, p 3943-3946, 2011, *2011 International Conference on Electrical and Control Engineering, ICECE 2011 - Proceedings*

360、 **Study on construction mode and mechanism of rural medical supply chain culture**

Gao, Xiang (School of Management, Harbin University of Science and Technology, Shengtai Pharmaceutical Co., Ltd., Harbin 150080, China); Wang, Hong-Qi; Wu, Jian-Long **Source:** *2011 International Conference on Management Science and Industrial Engineering, MSIE 2011*, p 745-748, 2011, *2011 International Conference on Management Science and Industrial Engineering, MSIE 2011*

361、 **Intelligent prediction of process parameters for bending forming**

Ren, Shengle (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150001, China); Lai, Yanan; Wu, Guangfei; Gu, Juntao; Dai, Ye **Source:** *Open Mechanical Engineering Journal*, v 5, n 1, p 26-31, 2011

362、 **Channel estimation based on improved LMS for OFDM system over low voltage power line**

Rui, Zhang (School of Automation, Harbin University of Science and Technology, Harbin, China); Yingfu, Sai; Zhengsheng, Xie; Shun, Wang **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 911-914, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

363、 **Influences of cutting edge radius on cutting deformation in high-speed machining Ti6Al4V**

Yanga, Shucai (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); Zheng, Minli; Fan, Yihang; Zhangd, Deqiang; Li, Yingbin **Source:** *Advanced Materials Research*, v 305, p 47-52, July 27, 2011, *Progress in Manufacturing Automation Technologies*

364、 **Statistical inference of LZL-Type mass flowmeter life distribution model**

Zhou, Z. (Harbin University of Science and Technology, Harbin 150080, China); Zhang, L.N.; Qin, Y.; Ma, D.Z.; Niu, B. **Source:** *Key Engineering Materials*, v 458, p 173-178, December 30, 2011

365、 **Study on the detrapping of charge carriers in polyethylene films**

He, Lijuan (Harbin University of Science and Technology, Harbin, 150080, China); Li, Dawei; Wang, Dongni; Li, Jing; Wang, Xuan; Lei, Qingquan **Source:** *Annual Report - Conference on Electrical Insulation and Dielectric Phenomena, CEIDP*, p 264-266, 2011, *2011 Annual Report Conference on Electrical Insulation and Dielectric Phenomena, CEIDP 2011*

366、 **Humanistic study on the relationship between knowledge management and technology**

Wu, Yulin (Harbin University of Science and Technology, Harbin, China); Liu, Ning; Liu, Ruiling **Source:** *Proceedings - 2011 International Conference of Information Technology, Computer Engineering and Management Sciences, ICM 2011*, v 4, p 168-170, 2011, *Proceedings - 2011 International Conference of Information Technology, Computer Engineering and Management Sciences, ICM 2011*

367、 **Simulation and experiment analysis of grain structure of MB15 alloy prepared by equal-channel angular pressing**

Yu, Yan-Dong (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Zhou, Hao **Source:** *Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals*, v 21, n 2, p 296-302, February 2011 **Language:** Chinese

368、 **Research on temperature field distribution of heavy hydrostatic thrust bearing rotation-workbench at different rotating velocity**

Shao, Jun Peng (Harbin University of Science and Technology, No. 52 Xufu Street, Harbin, Heilongjiang Province, 150080, China); Yang, Xiao Dong; Wang, Yun Fei; Xu, Xiao Qiu; Zhang, Yan Qin; Yu, Xiao Dong; Sun, Xian Zhu **Source:** *Advanced Materials Research*, v 239-242, p 2703-2706, 2011, *Advanced Materials*

369、 **Viscosity influence research on load capacity of heavy hydrostatic bearing**

Zhang, Yanqin (Harbin University of Science and Technology, Harbin 150080, China); Yu, Xiaodong; Yang, Xiaodong; Sun, Guitao; Yu, Xiaoyang; Shi, Zhimin **Source:** *Key Engineering Materials*, v 450, p 63-66, 2011, *Advanced Design and Manufacture III, ADM2010*

370、 **3D temperature field of high slip asynchronous generator rotor and analysis of rotating heat tube**

Wei, Jing-Wei (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); Yang, Kun; Xie, Ying; Ding, Shu-Ye **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 7, p 82-86, July 2011 **Language:** Chinese

371、 **Effect of content on microstructure and dielectric performance of PI/Al₂O₃ hybrid films**

Liu, Xiaoxu (School of Applied Science, Harbin University of Science and Technology, Harbin 150040, China); Yin, Jinghua; Chen, Minghua; Bu, Wenbin; Cheng, Weidong; Wu, Zhonghua **Source:** *Nanoscience and Nanotechnology Letters*, v 3, n 2, p 226-229, April 2011

372、 **Tool wear prediction when machining Ti6Al4V using different tool materials**

Fan, Y.H. (Harbin University of Science and Technology, Harbin 150080, China); Zheng, M.L.; Cheng, M.M.; Zhang, D.Q. **Source:** *Advanced Materials Research*, v 188, p 325-329, 2011, *High Speed Machining*

373、 **Fuzzy PID control and simulation analysis of cruise control system**

Zhou, Meilan (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, XueFu Road52, Harbin 150080, China); Sun, Jing; Gao, Hanying; Wang, Xudong **Source:** *Communications in Computer and Information Science*, v 86 CCIS, p 289-295, 2011, *Information and Automation - International Symposium, ISIA 2010, Revised Selected Papers*

374、 **Thermal analyses and calculations of 1.5MW half-direct permanent magnet wind power generator when PM embedded in different rotor positions**

Li, Wei-Li (Harbin University of Science and Technology, Harbin, Heilongjiang, 150080, China); Cheng, Peng; Yuan, Shi-Peng; Zhang, Mei-Wei **Source:** *Proceedings - International Conference on Computer Distributed Control and Intelligent Environmental Monitoring, CDCIEM 2011*, p 299-303, 2011, *Proceedings - International Conference on Computer Distributed Control and Intelligent Environmental Monitoring, CDCIEM 2011*

375、 **Parameter optimization of cutting process based on MATLAB**

Wang, Zhenbo (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin Heilongjiang, China); Yuan, Hongshan; Liu, Xinyan; Zhao, Zhenning **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 3, p 1611-1614, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

376、 **Structural design and testing study of truck muffler**

Wu, Shi (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); Jia, Dongkai; Jia, Yuntong; Wu, Ke **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 3, p 1578-1581, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

377、 **Fatigue crack propagation at negative stress ratio in 2A12 aluminum alloy**

Sha, Yu (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); Bai, Shigang; Zhang, Jiazhen **Source:** *Advanced Materials Research*, v 146-147, p 185-188, 2011, *Advances in Superalloys*

378、 **Analysis and design of tilted pad for the thrust bearing at the high temperature and load in submersible motor**

Pang, Xiangdong (Harbin University of Science and Technology, Harbin, China); Meng, Dawei; Yin, Hongwen; Dong, Zhengang **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 6, p 3277-3280, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

379、 **Data processing of photovoltaic system on DSP 2812**

Wang, Yingli (Harbin University of Science and Technology, Harbin, China); Ouyang, Guangwei; Zhang, Xiaoqing **Source:** *Procedia Engineering*, v 23, p 109-114, 2011, *2011 International Conference on Power Electronics and Engineering Application, PEEA 2011*

380、 **A compensatory fuzzy neural network modeling method based on particle swarm clustering**

Man, Chun-Tao (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); Wang, Tian-Feng; Sun, Xiao-Bo; Yang, Xin-Xin; Cui, Jia **Source:** *Applied Mechanics and Materials*, v 48-49, p 5-8, 2011, *Measuring Technology and Mechatronics Automation*

381、 **Fuzzy energy management strategy for HEV based on particle swarm optimization with compressibility factor**

Zhou, Mei-Lan (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); Zhang, Yu; Yang, Zi-Fa; Kang, Di **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 11, p 67-72, November 2011 **Language:** Chinese

382、 **Stock trend forecasting method based on sentiment analysis and system similarity model**

Zhang, Kaihui (College of Economy and Management, Harbin University of Science and Technology, Harbin, China); Li, Lei; Li, Peng; Teng, Wenda **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 890-894, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

383、 **Calculation of saturation parameters and temperature field for turbo-generator stator winding with different structure**

Li, Wei-Li (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); Sun, Hong-Li; Yu, Hai-Tao **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 15, n 3, p 25-34, March 2011 **Language:** Chinese

384、 **Finite element analysis of inductance sensor structure in the measuring system of the grade**

of the iron concentrate

Zhou, Z. (Harbin University of Science and Technology, Harbin, 150080, China); Guan, Z.H.; Luo, J.; Wang, L.J.; Qin, Y.; Sun, G.F. **Source:** *Key Engineering Materials*, v 458, p 155-160, December 30, 2011

385、 Microstructure and wearability of nano-ZrO₂ ferrule for optical fiber connector

Zhang, Jipeng (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin, China); Tang, Hui; Wang, Fengchun **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 222-225, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

386、 Electronic commerce development of 13 years in China: A literature analysis

Zhang, Rui (School of Management, Harbin University of Science and Technology, Harbin, China); Gao, Chang Yuan **Source:** *2011 2nd International Conference on Artificial Intelligence, Management Science and Electronic Commerce, AIMSEC 2011 - Proceedings*, p 332-335, 2011, *2011 2nd International Conference on Artificial Intelligence, Management Science and Electronic Commerce, AIMSEC 2011 - Proceedings*

387、 The evaluation for competitiveness of high-technology zone on creative industrial cluster with uncertain linguistic information

Xu, Anfeng (School of management, Harbin university of science and technology, Haibin, 150040, China); Li, Yuhua **Source:** *International Journal of Advancements in Computing Technology*, v 3, n 5, p 243-248, June 2011

388、 Effect of extrusion ratio on mechanical and corrosion properties of AZ31B alloys prepared by a solid recycling process

Zhang, Tielei (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Ji, Zesheng; Wu, Shuyan **Source:** *Materials and Design*, v 32, n 5, p 2742-2748, May 2011

389、 Calculation and analysis of electromagnetic field and temperature field under broken strands for a large synchronous generator

Yin, Qiaoyu (Harbin University of Science and Technology, Harbin 150080, China); Li, Weili; Yu, Haitao; Sun, Hongli **Source:** *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 26, n 2, p 59-67, February 2011 **Language:** Chinese

390、 Application of moment invariants in checking the overall dimension of the head cover

Li, Xu (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin Heilongjiang, China); Sha, Fei **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 2, p 932-935, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

391、 Simulation analysis of integration shear weighing plate based on ANSYS

Zhao, Xintong (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin Heilongjiang 150080, China); Jin, Chengjun; Li, Jianyu; Lu, Xiaodong **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 3, p 1563-1566, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

392、 **A fuzzy and decoupled d-q based inverter control strategy for microgrid in islanding operation**

Nie, Tingzhi (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, 150080, China); Wei, Qi; Shao, Duo **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 425-428, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

393、 **Theoretical calculation and numerical simulation of spherical lung cancer cells' refractive index**

Liu, Lu (Harbin University of Science and Technology, Harbin, China); Bai, Xiangyun; Zhang, Zhongbo; Zhang, Bin **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1053-1057, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

394、 **Analysis on international competitiveness of China's service trade**

Guo, Chen (Harbin University of Science and Technology, Harbin, China) **Source:** *2011 2nd International Conference on Artificial Intelligence, Management Science and Electronic Commerce, AIMSEC 2011 - Proceedings*, p 6151-6154, 2011, *2011 2nd International Conference on Artificial Intelligence, Management Science and Electronic Commerce, AIMSEC 2011 - Proceedings* **Language:** Chinese

395、 **Study of NC cold tube bending spring-back characteristics**

Lai, Yanan (Harbin University of Science and Technology, P.B. 87, Harbin 150001, China); Ren, Shengle; Li, Zenglou; Gu, Juntao; Wu, Guangfei **Source:** *Advanced Materials Research*, v 154-155, p 202-208, 2011, *Materials Processing Technologies*

396、 **Implementation and research of the linkage IDS based on windows XP**

Qiao, Peili (Harbin University of Science and Technology, No. 52 XueFu Road, Harbin, 150080, China); Ling, Wan; Zhai, Jiqiang **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 8060, 2011, *Modeling and Simulation for Defense Systems and Applications VI*

397、 **Hinf tracking for a class of second-order dynamical systems**

Huang, L. (College of Automation, Harbin University of Science and Technology, Harbin, 150080, China); You, Bo; Li, W.L. **Source:** *Applied Mechanics and Materials*, v 52-54, p 589-594, 2011, *Advances in Mechanical Engineering*

398、 **The intelligent PID control of filature production line slack-loop system**

Yin, Yu-Heng (College of Automation, Harbin University of Science and Technology, Harbin, China) **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 1, p 378-381, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

399、 **Design and research of simulated surgical instruments for medical training system**

Wang, Monan (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); Chi, Xiang; Wang, Hongjing **Source:** *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*, v 4, p 2175-2178, 2011, *Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011*

400、 **Unstructured road detection and tracking based on monocular vision**

Wang, Yanqing (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); Chen, Deyun; Shi, Chaoxia **Source:** *Harbin Gongcheng Daxue Xuebao/Journal of Harbin Engineering University*, v 32, n 3, p 334-339, March 2011 **Language:** Chinese

401、 **Quality control and tracing system of automotive airbag flexible assembly line**

Shi, X.J. (Harbin University of Science and Technology, Harbin 150080, China); Li, F.T.; Zhang, Y.; Gao, Z.D. **Source:** *Key Engineering Materials*, v 455, p 66-71, 2011, *Manufacturing Automation Technology Development*

402、 **A method of SYN Flooding attack detection based on mathematical analysis**

Gao, Zhongwen (College of Automation, Harbin University of Science and Technology, Harbin, China); Wang, Lei **Source:** *2011 International Conference on Electrical and Control Engineering, ICECE 2011 - Proceedings*, p 496-498, 2011, *2011 International Conference on Electrical and Control Engineering, ICECE 2011 - Proceedings* **Language:** Chinese

403、 **Lubricating characteristics of circular tilting pad thrust bearing**

Yu, Xiaodong (Harbin University of Science and Technology, Harbin Heilongjiang Province, China); Jiang, Hui; Meng, Xiuli; Xiang, Hongjun; Yu, Haipeng; Wang, Junfeng; Lou, Xiaozhong; Sun, Xianzhu; Yang, Changqing **Source:** *Advanced Materials Research*, v 148-149, p 267-270, 2011, *Manufacturing Processes and Systems*

404、 **Research on motion analysis and embedded control system of search-rescue robot**

Wang, Peng (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); Xin, Jing Lei; Kang, Shao Chen; Jiang, Wen Hao; Li, Xin **Source:** *Applied Mechanics and Materials*, v 63-64, p 827-830, 2011, *Advanced Research on Mechanical Engineering, Industry and Manufacturing Engineering*

405、 **A design method of equal load-carrying capacity for undermatching weld joints**

Zhao, Zhili (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Fang, Hongyuan; Yang, Jianguo; Xu, Xiaojun; Hu, Jichao **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 32, n 4, p 87-90, April 2011 **Language:** Chinese

406、 **The application of complex wavelet transform in voltage fluctuations detection**

Zhang, Rui (School of Automation, Harbin University of Science and Technology, Harbin, China); Liu, Nan; Ma, Hui-Jun **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 963-966, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

407、 **Study on processing and simulation of SPF/DB for double-sheet of magnesium alloy**

Yu, Yan-Dong (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Feng, Juan; Lü, Xin-Yu; Wang, Guo-Jun **Source:** *Cailiao Kexue yu Gongyi/Material Science and Technology*, v 19, n 1, p 80-84, February 2011 **Language:** Chinese

408、 **Effect of Ni on the morphology of IMC and mechanical properties of SAC-Bi-Ni/Cu joints**

Zou, Pengfei (Harbin University of Science and Technology, 4# Linyuan Road, Xiangfang District, Harbin, China); Sun, Fenglian; Liu, Yang **Source:** *Proceedings - International Symposium on Advanced Packaging Materials*, p 267-271, 2011, *APM 2011 Proceedings - 2011 International Symposium on Advanced Packaging Materials*

409、 **Polyimide electronic structural and optical properties from first principles calculations**

Lin, Jiaqi (School of Applied Science, Harbin University of Science and Technology, Harbin, 150080, China); Leng, Jing; Xia, Minghui; Shi, Junhui; Chi, Qingguo **Source:** *Materials Science Forum*, v 694, p 597-601, 2011, *Frontier of Nanoscience and Technology*

410、 **Multiplexing fiber Bragg grating sensor system based on heterodyne method**

Xiong, Yanling (Harbin University of Science and Technology, Harbin, China); Chen, Yang; Yang, Wenlong; Xie, Qinye; Wang, Ying **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 840-843, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

411、 **An image reconstruction algorithm based on artificial fish-swarm for electrical capacitance tomography system**

Chen, Deyun (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); Shao, Lei; Zhang, Zhen; Yu, Xiaoyang **Source:** *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*, v 2, p 1190-1194, 2011, *Proceedings of the 6th International Forum on Strategic Technology, IFOST 2011*

412 、 **Representation and analysis of the Vague region relations with kernel in the three-dimensional space**

Li, Song (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); Hao, Zhongxiao **Source:** *Gaojishu Tongxin/Chinese High Technology Letters*, v 21, n 2, p 157-161, February 2011 **Language:** Chinese